



# ASBESTOS AND LEAD-BASED PAINT SURVEY

**The Presidio  
Bldg 201 Exchange Store Administration Office  
San Francisco, CA**

**Benchmark Project No:** E09-562-ASU-LPI

**Building Owner:** State of California

**Type of Structure:** Exchange Store Administration Office

**Benchmark Technician:** Terri MacFarlane

**Site Visit Date:** June 11, 2009

*PREPARED FOR*

Mr. David Keba  
Department of Transportation-Right of Way  
P. O. Box 23440  
Oakland, CA 94623-044

*PREPARED BY*

Benchmark Environmental Engineering  
3732-A Charter Park Drive  
San Jose, CA 95136  
800-988-7424

Terri MacFarlane  
Environmental Field Service Manager

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## EXECUTIVE SUMMARY

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Benchmark Environmental Engineering was retained by Mr. David Keba of the Department of Transportation Right of Way to conduct an asbestos and lead-based paint survey at The Presidio, Bldg 201 Exchange store Administration Office in San Francisco, California.

Written authorization to perform this survey was received by Benchmark from Mr. Keba.

The asbestos and lead-based paint survey was conducted on June 10, 2009 and was comprised of surveying all areas of the building which will undergo demolition as part of the Department of Transportation Right of Way program.

### Background

The structure located at The Presidio, Bldg 201 Exchange store Administration Office in San Francisco CA is a currently a vacated building. The building consists of 2 levels that are primarily offices and storage.

### Asbestos Containing Materials (ACM)

Thirty-four (34) samples were collected of materials scheduled for disturbance and analyzed for asbestos content.

The following suspect asbestos materials were sampled:

- Wallboard/joint compound
- Vinyl Base coving and Mastic
- Resilient Sheet Flooring and Mastic
- Floor Tiles and Mastic
- Fiber Board
- Carpet Mastic
- Window Putty
- Paint
- Roofing Shingle/Felt
- Wall Texture

The following suspect asbestos materials were sampled by Versar Inc in January 1996:

*None of these listed materials sampled with the exception of the Caulk and Wallboard/Joint Compound contained asbestos.*

- Vinyl Base coving and Mastic
- Ceiling Insulation
- Ceiling Tiles (lay-in and glued)
- Carpet Mastic
- Caulk
- Window putty
- Wallboard/joint compound

### Lead Based Paint

In order to determine if lead based paint is present, five hundred ninety-seven (597) assays were collected using an X-RAY FLOURESCENCE (XRF) instrument. Numerous components have been identified with lead in the paint above the EPA and DHS level of 1.0 mg/cm<sup>2</sup> or 5000 PPM.

The overall condition of the paint was in fair/poor condition. Any painted surface which has been identified as having lead in the paint at or above the DHS level of 5000 parts per million and is in fair to poor condition must be

considered a Hazard. Worker protection must be implemented during all phases of the demolition. (Title 8, CCR 1532.1.)

## FINDINGS AND OBSERVATIONS

The following table summarizes the material sampled, location, analytical results in percent of asbestos present, the friability of the material, the condition of the material, the estimated quantities of the material and the estimated removal cost.

### Asbestos Samples

Material	Location	% of Asbestos	Friable\ Non-Friable	Condition	Quantities *	Removal Cost Estimate
Wallboard/Joint Compound	Special Events Conference Room	2% Chrysotile (joint compound) Composite of wall system is Trace (<1% Chrysotile)	ACCM	Good	500 SF	\$2,500
Beige Floor Tile	Conference Room 201A, Special Events Conference Room,, Special Events Storage	2% Chrysotile (tile) 5% Chrysotile (mastic)	Non-Friable	Good	1,000 SF	\$3,000
White Floor Tile	Special Events Bathroom	1% Chrysotile (Tile)	Non-Friable	Good	100 SF	\$300
9" x9" Brown Floor Tile	Special Event Rear Storage	5% Chrysotile (Tile) 5% Chrysotile (Mastic)	Non-Friable	Good	100 SF	\$300
Window Putty	Windows	None Detected	N/A	Good	N/A	N/A
Paint	Exterior	None Detected	N/A	Good	N/A	N/A
Resilient Sheet Flooring	UPEC Bathroom	None Detected	N/A	N/A	N/A	N/A
Stair Coving	Exterior Stairs	None Detected	N/A	N/A	N/A	N/A
Roofing Shingle	Roof	None Detected	N/A	N/A	N/A	N/A
Roofing Felt	Roof	None Detected	N/A	N/A	N/A	N/A
Caulk Versar Survey	Storage (off Office 201)	3% Chrysotile	Non-Friable	Intact	136 LF	\$1,500
Wallboard/joint Compound Versar Survey	Throughout	Trace	ACCM	Intact	14,000 SF	\$50,000

\*This is a field estimate only and should be quantified by the contractor prior to removal

### Asbestos

A material is considered by the EPA to be asbestos-containing if at least one sample collected from the area shows asbestos present in an amount greater than one percent (> 1%). *The Asbestos Laboratory Results can be found in Appendix A*

## Lead-Based Paint

The results indicated that the following building components were above the EPA and DHS level of 1.0 mg/cm<sup>2</sup> or 5000 PPM. Lead-Based paint, as defined by EPA/HUD, was identified on the components assayed. See Appendix B for the Preliminary XRF Readings.

Location	Component	Estimated Disposal Cost
Exterior	Window components, Siding, Rafter, Overhang, Header/Beam, Eaves	\$10,000
Special Events Office 103	Window sash	\$200
Special Events Reception, Office 101, Conference Room	Walls, Window components, Baseboard, Door casing	\$5,000
Special Events Office 107, Storage	Door Components, Window components	\$1,000
Special Events Basement Storage	Window components, Doors, Walls, Wood Floor	\$2,500
UPEC Conference Room	Siding, Window components, Threshold, Door components	\$5,000
Maintenance Bath	Door, Door jamb	\$250
Suite 201	Siding, Door	\$1,000
Museum	Siding, Ceiling	\$1,000
Museum Bath	Window components	\$2,500

The XRF results can be found in APPENDIX B- Lead Based Paint XRF Results Page

## SCOPE OF SERVICES-ASBESTOS

Asbestos sampling was performed by a Certified Asbestos Consultant (CAC). Bulk asbestos samples obtained from the facility were analyzed in the laboratory using Polarized Light Microscopy (PLM) with dispersion staining. The Inspection, sampling, and assessment procedures were performed in accordance with the guidelines published by the EPA in 125CFR Part 763 Subpart E, October 30, 1987.

## METHODOLOGY-ASBESTOS

### General

The survey consisted of three major activities: visual inspection, sampling, and analysis. Although these activities are listed separately, they are integrated tasks.

### Visual Inspection

An initial building walkthrough was conducted to determine the presence of suspect materials that were accessible or exposed. Materials that were similar in general appearance were grouped into homogeneous sampling areas.

### Homogenous Material Classification

A preliminary walkthrough of the building was conducted to determine areas of materials that were visually similar in color, texture, and general appearance and that appeared to have been installed at the same time. Such materials are termed "homogeneous materials" by the EPA. During this walkthrough, the approximate locations of these

homogeneous materials were noted.

## **Sampling Procedures**

Following the walkthrough, the inspector collected selected samples of exposed or accessible materials identified as suspect ACM. EPA guidelines were used to determine the sampling protocol. Sampling locations were chosen to be representative of the homogeneous material.

Samples of surfacing material for asbestos were collected in general accordance with the EPA random sampling protocol outlined in the EPA publication, "Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials" (EPA 560/5-85-030a, October 1985). Samples of miscellaneous materials were taken as randomly as possible, while attempting to sample already damaged areas so as to minimize disturbance of the material.

## **Methods of Analysis**

Analysis was performed by visually observing the bulk sample and preparing slides for microscopic examination and identification. The samples were mounted on slides and then analyzed for asbestos (Chrysotile, Amosite, Crocidolite, Anthophyllite, and Actinolite/Tremolite), fibrous non-asbestos constituents (mineral wool, paper, etc.) and non-fibrous constituents. Asbestos was identified by refractive indices, morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics were used to identify the non-asbestos constituents.

The microscopist used a stereoscope to visually estimate relative amounts of each constituent using a stereoscope to determine the volume of each constituent in proportion to the total volume of the sample. All bulk samples were analyzed by Polarized Light Microscopy (PLM) with dispersion staining as described by the interim method of the determination of asbestos in bulk insulation, Federal Register, Volume 47, No. 103, May 27, 1982. This is a standard method of analysis in optical mineralogy and the currently accepted method for the determination of asbestos in bulk samples. A suspect material is immersed in a solution of known refractive index and subjected to illumination by polarized light. The characteristic color displays that result enable mineral identification. It should be noted that some ACM may not be accurately identified or quantified by PLM. As an example, the original fabrication of vinyl floor tiles routinely involved milling of asbestos fibers to extremely small sizes. As a result, these fibers may go undetected under the standard polarized light microscopy method. Transmission Electron Microscopy (TEM) is recommended for a more definitive analysis of these materials.

## **Laboratory Quality Control Program**

Forensic Analytical located in Hayward, California, performed the analysis. Forensic maintains an in-house quality control program. This program involves blind reanalysis of ten percent of all samples, precision and accuracy controls, and use of standard bulk reference materials.

## **Asbestos Containing Materials (ACM):**

A material is considered by the EPA to be asbestos-containing if at least one sample collected from the area shows asbestos present in an amount greater than one percent (> 1%).

Removal and disposal of asbestos containing materials (ACM) must be performed in accordance with Bay Area Air Quality Management District (BAAQMD) and California-Occupational Safety and Health Administration (CAL/OSHA) notification and work practice requirements.

EPA groups asbestos containing materials (ACM) into three (3) types:

- Friable ACM – Asbestos containing materials that can reduce to powder by hand pressure such as, thermal system insulation (TSI), acoustical ceiling material.

- Category I non-friable ACM - asbestos-containing resilient floor coverings or VAT, asphalt roofing products, packings and gaskets.
- Category II non-friable ACM – any material, excluding Category I materials, that when dry, cannot be crumbled, pulverized or reduced to powder by hand pressure.

It is possible for any of the above types of ACM to become Regulated Asbestos Containing Materials (RACMs) under the Standard. RACMs are defined as:

- Friable ACM
- Category I non-friable ACM that has become friable.
- Category I non-friable ACM that has been or will be subjected to sanding, grinding, cutting, or abrading
- Category II non-friable ACM which has already been or is likely to become crumbled, pulverized, or reduced to powder by mechanical forces expected to act on the materials during demolition/renovation operations as covered by the Standard.

### **Asbestos Containing Construction Materials (ACCM)**

Although the material is not considered “asbestos containing” as defined by the EPA, the material does contain asbestos and is subject to OSHA regulations pertaining to employee exposure.

Title 8 of the California Code of Regulations, CCR Section 341.6-11 defines asbestos-containing construction materials (ACCM) as construction materials having greater than one-tenth of one percent (0.1%) by weight. This applies to Cal-OSHA regulations pertaining to the protection of workmen engaged in the removal of ACCM.

ACCM must be removed using the same regulation procedures as materials containing 1% asbestos as defined by EPA 125CFR 763 and OSHA 763 and OSHA 29 CFR 1926.1101 with regard to asbestos work classifications I, II, III, and IV including negative exposure assessments (NEA) and use of regulated areas.

## SCOPE OF SERVICES-LEAD

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Benchmark understands the scope of work for this project to be a Lead Based Paint Inspection. The lead-based paint inspection was conducted in general accordance with Title 17 of the California Code of Regulations (CCR), Division 1, Chapter 8 and United States Department of Housing and Urban Development (HUD) document entitled Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, published June 1995 (Revised 1997). The Risk assessment was conducted in general accordance with Chapter 5 of the HUD Guidelines.

## METHODOLOGY-LEAD

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### General Reference

The survey consisted of three major activities: visual inspection, sampling, and analysis. Although these activities are listed separately, they are integrated tasks.

### Visual Inspection

A Department of Health Services Certified Lead Inspector/Risk Assessor performed the inspection. An initial building walkthrough was conducted to determine the presence of suspect materials that were accessible or exposed.

### Sampling Process

Following the walkthrough, the inspector selected sample areas of exposed or accessible materials identified as suspect Lead-Based Paint. State and Federal Guidelines were used to determine the sampling protocol. Sampling locations were chosen to be representative of the homogeneous material.

### Sampling Procedures Lead-Based Paint Inspection (X-Ray Fluorescence (XRF) Analysis)

XRF instruments measure lead-in-paint by directing high energy X-rays and gamma rays into the paint, causing the lead atoms in the paint to emit X-rays which are detected by the instrument and converted to a measurement of the amount of lead in the paint. The EPA approved technology allows for measurement of X-rays without scraping or samples preparation to characterize substrate or matrix effects. The Spectrum Analyzer, Metals Analysis Probe (MAP 4) is combined with a microprocessor system that enables field-testing with a high degree of quality control and speed. Sample locations, descriptions, conditions, and measurement results are automatically recorded by the instrument and easily downloaded to a PC or laptop.

All results were compared to the State and Federal Guidelines:  
 $1.0 \text{ mg/cm}^2 = \text{XRF-Lead-based Paint}$

The lead-based paint inspection was conducted in general accordance with Title 17 of the California Code of Regulations (CCR), Division 1, Chapter 8 and United States Department of Housing and Urban Development (HUD) document entitled Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, published June 1995 (Revised 1997).

All building components identified on the site inspection that may contain lead-based paint/coating were targeted for testing (interior and/or exterior walls, doors and all associated components).

The testing and sampling protocol was comprised of testing with an X-Ray Fluorescence (XRF) analyzer. The XRF instrument is set with a unique identification number, which lists the building components.

## **Quality Control Program**

Benchmark Environmental Engineering utilizes only DHS approved inspectors, which are certified to use radioactive instruments. The MAP 4 Spectrum Analyzer has on-board calibration routines, which continuously operate, and self-correct to minimized sampling error. This is known as substrate correcting software.

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## **GENERAL**

### **Warranty**

Benchmark warrants that the findings contained herein have been prepared with the level of care and skill exercised by experienced and knowledgeable environmental consultants who are appropriately licensed or otherwise trained to perform asbestos assessments pursuant to the scope of work required on this project.

The survey included inspection of accessible materials such as above or behind suspended ceilings or other non-permanent structures. Benchmark did not inspect or sample inaccessible areas such as behind walls or within ductwork and did not dismantle any part of the structure to survey inaccessible areas. Inaccessible materials that are visible to Benchmark's inspectors shall be assumed asbestos containing or lead-based paint containing.

## **APPENDIX A: Asbestos Laboratory Results and Table**



# Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Benchmark Environmental  
Project Manager  
3732-A Charter Park Drive  
  
San Jose, CA 95136

**Client ID:** 3565  
**Report Number:** B125512  
**Date Received:** 06/17/09  
**Date Analyzed:** 06/22/09  
**Date Printed:** 06/22/09  
**First Reported:** 06/22/09

**Job ID/Site:** E09-562 - The Presidio Bldg 201, San Francisco

**FALI Job ID:** 3565

**Date(s) Collected:** 06/11/2009

**Total Samples Submitted:** 34

**Total Samples Analyzed:** 34

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>201-562-6-11-1B</b>	10877342						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (20 %)	Fibrous Glass (10 %)						
<b>201-562-6-11-2B</b>	10877343						
Layer: Brown Non-Fibrous Material			ND				
Layer: Off-White Mastic			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							
<b>201-562-6-11-3B</b>	10877344						
Layer: Beige Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		<b>Asbestos (2%)</b>					
Cellulose (Trace)							
<b>201-562-6-11-4B</b>	10877345						
Layer: Tan Non-Fibrous Material			ND				
Layer: Off-White Mastic			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							
<b>201-562-6-11-5B</b>	10877346						
Layer: White Drywall			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (20 %)	Fibrous Glass (10 %)						
<b>201-562-6-11-6B</b>	10877347						
Layer: Beige Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (20 %)	Fibrous Glass (5 %)	Synthetic (10 %)					

Client Name: Benchmark Environmental

Report Number: B125512

Date Printed: 06/22/09

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>201-562-6-11-7B</b>	10877348						
Layer: Off-White Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		<b>Asbestos (2%)</b>					
Cellulose (Trace)							
<b>201-562-6-11-8B</b>	10877349						
Layer: White Drywall			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (20 %) Fibrous Glass (10 %)							
<b>201-562-6-11-9B</b>	10877350						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (Trace)</b>					
Cellulose (20 %) Fibrous Glass (10 %)							
<b>201-562-6-11-10B</b>	10877351						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (95 %)							
<b>201-562-6-11-11B</b>	10877352						
Layer: Beige Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (20 %) Fibrous Glass (5 %) Synthetic (10 %)							
<b>201-562-6-11-12B</b>	10877353						
Layer: Off-White Tile			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							
<b>201-562-6-11-13B</b>	10877354						
Layer: Beige Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		<b>Asbestos (2%)</b>					
Cellulose (Trace)							
<b>201-562-6-11-14B</b>	10877355						
Layer: Tan Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		<b>Asbestos (2%)</b>					
Cellulose (Trace)							

Client Name: Benchmark Environmental

Report Number: B125512

Date Printed: 06/22/09

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>201-562-6-11-15B</b>	10877356						
Layer: Tan Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		<b>Asbestos (2%)</b>					
Cellulose (Trace)							
<b>201-562-6-11-16B</b>	10877357						
Layer: Black Carpet			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)		Synthetic (85 %)					
<b>201-562-6-11-17B</b>	10877358						
Layer: Brown Carpet			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)		Synthetic (85 %)					
<b>201-562-6-11-18B</b>	10877359						
Layer: White Tile		Chrysotile	2 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (2%)</b>					
Cellulose (Trace)							
<b>201-562-6-11-19B</b>	10877360						
Layer: White Tile		Chrysotile	2 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (2%)</b>					
Cellulose (Trace)							
<b>201-562-6-11-20B</b>	10877361						
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (20 %)		Fibrous Glass (10 %)					
<b>201-562-6-11-21B</b>	10877362						
Layer: Brown Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		<b>Asbestos (5%)</b>					
Cellulose (Trace)							
<b>201-562-6-11-22B</b>	10877363						
Layer: Brown Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		<b>Asbestos (5%)</b>					
Cellulose (Trace)							

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Report Number: B125512

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>201-562-6-11-23B</b>	10877364						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (20 %)	Fibrous Glass (10 %)						
<b>201-562-6-11-24B</b>	10877365						
Layer: Tan Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							
<b>201-562-6-11-25B</b>	10877366						
Layer: Tan Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							
<b>201-562-6-11-26B</b>	10877367						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
<b>201-562-6-11-27B</b>	10877368						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
<b>201-562-6-11-28B</b>	10877369						
Layer: Brown Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (20 %)	Fibrous Glass (5 %)	Synthetic (10 %)					
<b>201-562-6-11-29B</b>	10877370						
Layer: Brown Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (20 %)	Fibrous Glass (5 %)	Synthetic (10 %)					
<b>201-562-6-11-30B</b>	10877371						
Layer: Brown Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							

Client Name: Benchmark Environmental

Report Number: B125512

Date Printed: 06/22/09

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>201-562-6-11-31B</b>	10877372						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (65 %)							
<b>201-562-6-11-32B</b>	10877373						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (65 %)							
<b>201-562-6-11-33B</b>	10877374						
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
<b>201-562-6-11-34B</b>	10877375						
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							



James Flores, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

Analytical results and reports are generated by Forensic Analytical at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by Forensic Analytical to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by Forensic Analytical. The client is solely responsible for the use and interpretation of test results and reports requested from Forensic Analytical. This report must not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government. Forensic Analytical is not able to assess the degree of hazard resulting from materials analyzed. Forensic Analytical reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.



# BENCHMARK

3732 Charter Park Drive, Ste. A San Jose CA 95136  
408-448-7594 408-448-3849 (fax)

## BULK CHAIN OF CUSTODY

Please Include Sample Locations On Laboratory Report

Page: 1 of 4

Project #: EQ9-562

Date: 06/11/09

Technician: GIT

Project Address: The Presidio Bldg 201, San Francisco

Client Name: Dave Kebe

Company: Caltrans

Sample Number	Location	Homogenous Group or Measurement	Material or Component	Results To Be Reported As
201	201A CONFERENCE ROOM			
562-6-11-1B	WALL B	(1)	DRYWALL J.C.	
2B	WALL A	(2)	BASE COVE MASTIC	
3B	FLOOR	(3)	FT/ MASTIC	
4B	BUFFALO SOLDIER MUSEUM	WALL D	(2)	BASE COVE/ MASTIC
5B	WALL C	(1)	DRYWALL/ J.C.	
6B	BATHROOM SHEET FLOOR	(4)	RSF/ MASTIC	
7B	FLOOR TILE	(6)	12" x 12" FT/MASTIC	
8B	SPECIAL EVENTS CONFERENCE ROOM	KITCHEN FLOOR ADD TO WALL C	(1)	DRYWALL J.C.
9B	STORAGE WALL D.			

Circle  
Project Type  
Asbestos (Survey/Sample Collection)  
Lead-Based Paint  
Risk Assessment (Lead)  
Clearance Lead  
Mold/Fungus (Baseline)  
Sewage Screen (Baseline)  
Sewage Screen (Post-Remediation)  
Other: \_\_\_\_\_

Circle  
Type of Analysis  
PLM/Bulk (EPA 600)  
EPA SW 846-7420 FLAA  
Dust Wipe, Soil, Paint Chip Ghost Wipes  
GFAA Water (lead)  
Qualitative (MUG) E.Coli/Coliforms (Soil/Swab)  
Direct Microscopic Exam (Tape/Swab)  
Other: \_\_\_\_\_

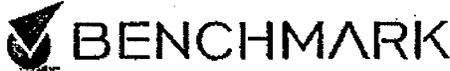
Circle  
Turnaround Time  
Same Day/Rush  
24 Hour  
48 Hour  
72 Hour  
5 Day  
Other: \_\_\_\_\_

Relinquished By: Creedo

Received By: Blf UPS 9:48am

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Date/Time: \_\_\_\_\_



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**BULK CHAIN OF CUSTODY**

*Please Include Sample Locations On Laboratory Report*

Page: 2 of 4

Project #: EQ1-562

Date: 06/11/09

Technician: GIT

Project Address: The Presidio Bldg. 201, San Francisco

Client Name: Dave Kebe

Company: Caltrens

Sample Number	Location	Homogenous Group or Measurement	Material or Component	Results To Be Reported As
201-562-6-11-10B	SPECIAL EVENTS BATHROOM CONFERENCE ROOM Foyer wall B	(5)	Fiber Board	
11B	BATHROOM FLOOR	(4)	RSF/MASTIC	
12B	KITCHEN FLOOR	(6)	12" x 12" FT/MASTIC	
13B	STORAGE AREA FLOOR	↓	↓	
14B	CORNER OFFICE FLOOR BENEATH HEATER CONFERENCE ROOM	(7)	12" x 12" BEIGE FT/MASTIC	
15B	FLOOR BENEATH HEATER	↓	↓	
16B	FOYER OUTSIDE KITCHEN	(8)	CARPET/MASTIC	
17B	STORAGE AREA	↓	↓	
18D	REAR BATHROOM FLOOR	(9)	9" x 9" FT/MASTIC	

Circle Project Type <u>Asbestos (Survey/Sample Collection)</u> Lead-Based Paint Risk Assessment (Lead) Clearance Lead Mold/Fungus (Baseline) Sewage Screen (Baseline) Sewage Screen (Post-Remediation) Other: _____	Circle Type of Analysis <u>PEM/BULK (EPA 609)</u> EPA SW 846-7420 FLAA Dust Wipe, Soil, Paint Chip <u>Ghost Wipes</u> GFAA Water (lead) Qualitative (MUG) E.Coli/Coliforms (Soil/Swab) Direct Microscopic Exam (Tape/Swab) Other: _____	Circle Turnaround Time <u>Same Day/Rush</u> 24 Hour 48 Hour <u>72 Hour</u> 5 Day Other: _____
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## BULK CHAIN OF CUSTODY

Please Include Sample Locations On Laboratory Report

Page: 3 of 4

Project #: EQ-562

Date: 06/11/09

Technician: GIT

Project Address: The Presidio Bldg 201, San Francisco

Client Name: Dave Weber

Company: Caltrans

Sample Number	Location	Homogenous Group or Measurement	Material or Component	Results To Be Reported As
201 - 562-6-11-19B	SPECIAL EVENTS CONFERENCE ROOM	REN2 BATHROOM FLOOR	(9) 9"x9" FIT/MASTIC	
20B	MAINTENANCE AREA	ELECTRICAL ROOM WALL C	(1) Dm wall/ J.C.	
21B	SPECIAL EVENTS STORAGE	FLOOR	(10) 9"x9" BRWN FIT/MASTIC	
22B	↓	FLOOR	↓	
23B	↓ OFFICE STORAGE AREA	WALL C	(1) Dm wall/ J.C.	
24B	Ext. windows	wall D	(11) Window Potty	
25B	↓ ↓	wall D	↓ Window Potty	
26B	Ext. of Bldg.	wall A	(12) Paint	
27B	Ext. of Bldg.	wall A	↓ Paint	

Circle Project Type  
~~Asbestos (Survey/Sample Collection)~~  
 Lead-Based Paint  
 Risk Assessment (Lead)  
 Clearance Lead  
 Mold/Fungus (Baseline)  
 Sewage Screen (Baseline)  
 Sewage Screen (Post-Remediation)  
 Other: \_\_\_\_\_

Circle Type of Analysis  
~~PLM/Bulk (EPA 600)~~  
 EPA SW 846-7420 FLAA  
 Dust Wipe, Soil, Paint Chip Ghost Wipes  
 GFAA Water (lead)  
 Qualitative (MUG) E.Coli/Coliforms (Soil/Swab)  
 Direct Microscopic Exam (Tape/Swab)  
 Other: \_\_\_\_\_

Circle Turnaround Time  
 Same Day/Rush  
 24 Hour  
 48 Hour  
72 Hour  
 5 Day  
 Other: \_\_\_\_\_

Relinquished By: Gerardo

Received By: PH URS 9:48am

RECEIVED JUN 17 2009  
Date/Time: \_\_\_\_\_



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**BULK CHAIN OF CUSTODY**

Please Include Sample Locations On Laboratory Report

Page: 4 of 4

Project #: 809-562

Date: 06/11/09

Technician: GLT

Project Address: The Presidio Bldg 201, San Francisco

Client Name: Dave Keba

Company: Caltrans

Sample Number	Location	Homogenous Group or Measurement	Material or Component	Results To Be Reported As
201- 562-6-11-28B	UNION OFFICE BATHROOM FLOOR	(4)	RSF/ mastic	
29B	↓ ↓ ↓ ↓	↓	↓	
30B	STAIRS AT WALL C	(13)	Base coat/ mastic.	
31B	Bldg. Exterior @ Roof	(14)	Roof material	
32B	↓ ↓ ↓ ↓	↓	↓	
33B	↓ ↓ Roof felt	(15)	↓	
34B	↓ ↓ Roof felt	↓	↓	

Circle  
Project Type  
Asbestos (Survey/Sample Collection)  
Lead-Based Paint  
Risk Assessment (Lead)  
Clearance Lead  
Mold/Fungus (Baseline)  
Sewage Screen (Baseline)  
Sewage Screen (Post-Remediation)  
Other: \_\_\_\_\_

Circle  
Type of Analysis  
PLM/Bulk (EPA 609)  
EPA SW 846-7420 FLAA  
Dust Wipe, Soil, Paint Chip Ghost Wipes  
GFAA Water (lead)  
Qualitative (MUG) E.Coli/Coliforms (Soil/Swab)  
Direct Microscopic Exam (Tape/Swab)  
Other: \_\_\_\_\_

Circle  
Turnaround Time  
Same Day/Rush  
24 Hour  
48 Hour  
72 Hour  
5 Day  
Other: \_\_\_\_\_

Relinquished By: Gerardo

Received By: BH 9:58am UPS

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Date/Time: \_\_\_\_\_

## **APPENDIX B: Lead-Based Paint XRF Results**

Walls are referenced as A, B, C and D

Wall A is the street side of the residence

Walls B, C, and D are numbered clockwise

Calibrations and Special Events Office											
Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
43822	Calibration	*	*	*	*	*	1.022	0.93	Inconclusive	11-Jun-09	09:07A
43823	Calibration	*	*	*	*	*	1.006	0.919	Inconclusive	11-Jun-09	09:07A
43824	Calibration	*	*	*	*	*	0.861	0.916	Inconclusive	11-Jun-09	09:08A
43825	Calibration	*	*	*	*	*	1.017	0.921	Inconclusive	11-Jun-09	09:09A
43826	Calibration	*	*	*	*	*	0.897	0.84	Inconclusive	11-Jun-09	09:10A
43827	Calibration	*	*	*	*	*	0	0	Unknown	11-Jun-09	09:11A
43828	Calibration	*	*	*	*	*	0	0	Unknown	11-Jun-09	10:19A
43829	Entry	Wall	A	Sheetrk	Intact	White/Off White	-0.065	-1.341	Negative	11-Jun-09	10:19A
43830	Entry	Trim	A	Wood	Intact	White/Off White	-0.168	-0.966	Negative	11-Jun-09	10:20A
43831	Entry	Door Casing	A	Wood	Intact	White/Off White	-0.718	-0.374	Negative	11-Jun-09	10:20A
43832	Entry	Door	A	Wood	Intact	White/Off White	-0.112	0.098	Negative	11-Jun-09	10:20A
43833	Entry	Window Sill	A	Wood	Intact	White/Off White	0.056	-0.498	Negative	11-Jun-09	10:20A
43834	Entry	Window Frame	A	Wood	Intact	White/Off White	-0.565	-0.934	Negative	11-Jun-09	10:20A
43835	Entry	Window Sash	A	Wood	Intact	White/Off White	0.709	-0.164	Negative	11-Jun-09	10:21A
43836	Entry	Wall	B	Sheetrk	Intact	White/Off White	0.116	-0.125	Negative	11-Jun-09	10:22A
43837	Entry	Wall	C	Sheetrk	Intact	White/Off White	-0.14	0.312	Negative	11-Jun-09	10:22A
43838	Entry	Wall	D	Sheetrk	Intact	White/Off White	-0.406	-2.201	Negative	11-Jun-09	10:22A
43839	Entry	Door Casing	D	Wood	Intact	White/Off White	0.271	-0.596	Negative	11-Jun-09	10:22A
43840	Entry	Door Jamb	D	Wood	Intact	White/Off White	-0.672	-0.309	Negative	11-Jun-09	10:22A
43841	Entry	Door	D	Wood	Intact	White/Off White	-0.004	-0.192	Negative	11-Jun-09	10:22A
43842	Office 103	Wall	A	Sheetrk	Intact	White/Off White	0.197	-0.725	Negative	11-Jun-09	10:23A
43843	Office 103	Window Sill	A	Wood	Intact	White/Off White	0.298	-0.079	Negative	11-Jun-09	10:23A
43844	Office 103	Window Frame	A	Wood	Intact	White/Off White	-0.167	-0.396	Negative	11-Jun-09	10:23A
43845	Office 103	Window Sash	A	Wood	Intact	White/Off White	1.683	0.142	XRF Positive	11-Jun-09	10:24A
43846	Office 103	Wall	B	Sheetrk	Intact	White/Off White	0.252	-1.402	Negative	11-Jun-09	10:24A
43847	Office 103	Door Jamb	B	Wood	Intact	White/Off White	0.088	-0.192	Negative	11-Jun-09	10:24A
43848	Office 103	Door	B	Wood	Intact	White/Off White	0.34	-0.257	Negative	11-Jun-09	10:24A
43849	Office 103	Wall	C	Sheetrk	Intact	White/Off White	0.239	-0.763	Negative	11-Jun-09	10:25A
43850	Office 103	Window Sash	C	Wood	Intact	White/Off White	-0.621	-0.17	Negative	11-Jun-09	10:25A
43851	Office 103	Window Frame	C	Wood	Intact	White/Off White	0.252	-0.235	Negative	11-Jun-09	10:25A
43852	Office 103	Door	C	Wood	Intact	White/Off White	-0.069	-0.153	Negative	11-Jun-09	10:25A
43853	Office 103	Wall	D	Sheetrk	Intact	White/Off White	0.099	-1.239	Negative	11-Jun-09	10:25A
43854	Office 102	Wall	A	Sheetrk	Intact	White/Off White	-0.099	-0.108	Negative	11-Jun-09	10:26A
43855	Office 102	Window Sill	A	Wood	Intact	White/Off White	0.136	-0.337	Negative	11-Jun-09	10:26A

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
43856	Office 102	Window Sash	A	Wood	Intact	White/Off White	-0.009	-0.559	Negative	11-Jun-09	10:26A
43857	Office 102	Window Frame	A	Wood	Intact	White/Off White	0.407	-0.234	Negative	11-Jun-09	10:26A
43858	Office 102	Wall	B	Sheetrk	Intact	White/Off White	-0.003	-0.118	Negative	11-Jun-09	10:27A
43859	Office 102	Door Casing	B	Wood	Intact	White/Off White	-0.532	-0.374	Negative	11-Jun-09	10:27A
43860	Office 102	Door	B	Wood	Intact	White/Off White	-1.756	-1.098	Negative	11-Jun-09	10:27A
43861	Office 102	Wall	C	Sheetrk	Intact	White/Off White	0.165	-1.134	Negative	11-Jun-09	10:27A
43862	Office 102	Wall	C	Wood	Intact	White/Off White	0.434	-0.031	Negative	11-Jun-09	10:28A
43863	Office 102	Wall	D	Sheetrk	Intact	White/Off White	0.487	-0.576	Negative	11-Jun-09	10:28A
43864	Office 102	Window Sill	D	Wood	Intact	White/Off White	-0.043	-0.631	Negative	11-Jun-09	10:28A
43865	Office 102	Window Frame	D	Wood	Intact	White/Off White	-0.529	-0.434	Negative	11-Jun-09	10:28A
43866	Office 102	Window Sash	D	Wood	Intact	White/Off White	0.343	-0.26	Negative	11-Jun-09	10:29A
43867	Reception	Wall	A	Sheetrk	Intact	White/Off White	3.169	0.513	XRF Positive	11-Jun-09	10:29A
43868	Reception	Wall	B	Sheetrk	Intact	White/Off White	-0.475	0.161	Negative	11-Jun-09	10:29A
43869	Reception	Door Jamb	B	Wood	Intact	White/Off White	0.12	0.749	Negative	11-Jun-09	10:30A
43870	Reception	Door	B	Wood	Intact	White/Off White	-0.169	-0.034	Negative	11-Jun-09	10:30A
43871	Reception	Wall	C	Sheetrk	Intact	White/Off White	4.406	0.381	XRF Positive	11-Jun-09	10:30A
43872	Reception	Window Sill	C	Wood	Intact	White/Off White	4.386	0.945	XRF Positive	11-Jun-09	10:30A
43873	Reception	Window Sash	C	Wood	Intact	White/Off White	4.17	0.377	XRF Positive	11-Jun-09	10:30A
43874	Reception	Window Frame	C	Wood	Intact	White/Off White	3.048	0.909	XRF Positive	11-Jun-09	10:30A
43875	Reception	Wall	D	Wood	Intact	White/Off White	1.737	0.195	XRF Positive	11-Jun-09	10:31A
43876	Reception	Window Frame	D	Wood	Intact	White/Off White	4.292	1.095	XRF Positive	11-Jun-09	10:31A
43877	Office 101	Wall	A	Sheetrk	Intact	White/Off White	3.428	-0.868	XRF Positive	11-Jun-09	10:31A
43878	Office 101	Wall	B	Wood	Intact	White/Off White	3.629	0.347	XRF Positive	11-Jun-09	10:31A
43879	Office 101	Window Frame	B	Wood	Intact	White/Off White	4.349	0.757	XRF Positive	11-Jun-09	10:32A
43880	Office 101	Door Jamb	B	Wood	Intact	White/Off White	0.286	-0.139	Negative	11-Jun-09	10:32A
43881	Office 101	Door	B	Wood	Intact	White/Off White	-0.233	0.182	Negative	11-Jun-09	10:32A
43882	Office 101	Wall	D	Sheetrk	Intact	White/Off White	2.456	-0.302	XRF Positive	11-Jun-09	10:32A
43883	Office 101	Window Sill	C	Wood	Intact	White/Off White	2.652	0.333	XRF Positive	11-Jun-09	10:32A
43884	Office 101	Window Frame	C	Wood	Intact	White/Off White	1.349	-0.052	XRF Positive	11-Jun-09	10:32A
43885	Office 101	Window Sash	C	Wood	Intact	White/Off White	2.286	0.061	XRF Positive	11-Jun-09	10:33A
43886	Office 101	Wall	D	Sheetrk	Intact	White/Off White	6.533	0.76	XRF Positive	11-Jun-09	10:33A
43887	Conference Room	Wall	A	Sheetrk	Intact	White/Off White	4.087	0.81	XRF Positive	11-Jun-09	10:34A
43888	Conference Room	Door	A	Wood	Intact	White/Off White	2.836	0.142	XRF Positive	11-Jun-09	10:34A
43889	Conference Room	BaseBoard	A	Wood	Intact	White/Off White	1.234	-0.024	XRF Positive	11-Jun-09	10:34A
43890	Conference Room	Wall	B	Sheetrk	Intact	White/Off White	6.034	0.671	XRF Positive	11-Jun-09	10:35A
43891	Conference Room	Wall	C	Sheetrk	Intact	White/Off White	4.277	0.435	XRF Positive	11-Jun-09	10:35A

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
43892	Conference Room	Trim	C	Wood	Intact	White/Off White	4.885	0.793	XRF Positive	11-Jun-09	10:35A
43893	Conference Room	Door	C	Wood	Fair	White/Off White	-0.114	-0.062	Negative	11-Jun-09	10:35A
43894	Conference Room	Door Casing	C	Wood	Intact	White/Off White	4.256	0.89	XRF Positive	11-Jun-09	10:35A
43895	Conference Room	Window Sill	C	Wood	Intact	White/Off White	5.62	-0.027	XRF Positive	11-Jun-09	10:35A
43896	Conference Room	Window Frame	C	Wood	Intact	White/Off White	4.07	0.135	XRF Positive	11-Jun-09	10:36A
43897	Conference Room	Window Sash	C	Wood	Intact	White/Off White	2.266	-0.075	XRF Positive	11-Jun-09	10:36A
43898	Conference Room	Wall	D	Sheetrk	Intact	White/Off White	-0.513	0.336	Negative	11-Jun-09	10:36A
43899	Women's Bath	Trim	B	*	Poor	White/Off White	-0.341	0.241	Negative	11-Jun-09	10:36A
43900	Bath	Wall	A	Sheetrk	Intact	White/Off White	-0.745	0.098	Negative	11-Jun-09	10:37A
43901	Bath	Door Jamb	A	Wood	Intact	White/Off White	0.746	0.561	Negative	11-Jun-09	10:37A
43902	Bath	Door	A	Wood	Intact	White/Off White	-0.703	0.144	Negative	11-Jun-09	10:39A
43903	Bath	Wall	B	Sheetrk	Intact	White/Off White	0.36	0.084	Negative	11-Jun-09	10:39A
43904	Bath	Wall	C	Sheetrk	Intact	White/Off White	0.617	0.102	Negative	11-Jun-09	10:39A
43905	Bath	Window Sill	C	Wood	Intact	White/Off White	1.95	-0.096	XRF Positive	11-Jun-09	10:40A
43906	Bath	Window Frame	C	Wood	Intact	White/Off White	1.294	-0.185	XRF Positive	11-Jun-09	10:40A
43907	Bath	Window Sash	C	Wood	Intact	White/Off White	1.141	-0.036	XRF Positive	11-Jun-09	10:40A
43908	Bath	Wall	D	Sheetrk	Intact	White/Off White	1.613	0.149	XRF Positive	11-Jun-09	10:41A
43909	Bath	BaseBoard	D	Wood	Intact	White/Off White	1.17	-0.15	XRF Positive	11-Jun-09	10:41A
43910	Office 106	Wall	A	Sheetrk	Intact	White/Off White	0.05	-0.092	Negative	11-Jun-09	10:42A
43911	Office 106	Wall	A	Sheetrk	Intact	White/Off White	-0.162	0.181	Negative	11-Jun-09	10:42A
43912	Office 106	Wall	C	Sheetrk	Intact	White/Off White	0.487	0.175	Negative	11-Jun-09	10:42A
43913	Office 106	Trim	C	Wood	Intact	White/Off White	-0.031	0.133	Negative	11-Jun-09	10:43A
43914	Office 106	Door Jamb	C	Wood	Intact	White/Off White	0.209	0.035	Negative	11-Jun-09	10:43A
43915	Office 106	Door	C	Wood	Intact	White/Off White	0.1	0.139	Negative	11-Jun-09	10:43A
43916	Office 106	Wall	D	Sheetrk	Intact	White/Off White	0.032	0.231	Negative	11-Jun-09	10:43A
43917	Office 106	Door	B	Wood	Intact	White/Off White	0.114	0.191	Negative	11-Jun-09	10:43A
43918	Office 107	Wall	A	Sheetrk	Intact	White/Off White	-0.003	0.228	Negative	11-Jun-09	10:44A
43919	Office 107	Double Door	A	Wood	Intact	White/Off White	-0.147	-0.002	Negative	11-Jun-09	10:44A
43920	Office 107	Door Jamb	A	Wood	Intact	White/Off White	0.343	0	Negative	11-Jun-09	10:44A
43921	Office 107	Wall	B	Sheetrk	Intact	White/Off White	-1.099	0.464	Negative	11-Jun-09	10:44A
43922	Office 107	Wall	C	Sheetrk	Intact	White/Off White	0.035	0.144	Negative	11-Jun-09	10:44A
43923	Office 107	Door	C	Wood	Intact	White/Off White	1.996	0.02	XRF Positive	11-Jun-09	10:45A
43924	Office 107	Door Jamb	C	Wood	Intact	White/Off White	1.548	0.337	XRF Positive	11-Jun-09	10:45A
43925	Office 107	Wall	D	Sheetrk	Intact	White/Off White	-0.798	0.214	Negative	11-Jun-09	10:45A
43926	Storage	Wall	A	Sheetrk	Intact	White/Off White	-0.162	0.541	Negative	11-Jun-09	10:45A
43927	Storage	Door Casing	A	Wood	Intact	White/Off White	1.713	0.127	XRF Positive	11-Jun-09	10:45A

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
43928	Storage	Door	A	Wood	Intact	White/Off White	1.86	0.355	XRF Positive	11-Jun-09	10:46A
43929	Storage	Wall	B	Sheetrk	Intact	White/Off White	0.043	0.2	Negative	11-Jun-09	10:46A
43930	Storage	Ceiling	B	Sheetrk	Intact	White/Off White	-0.863	-0.041	Negative	11-Jun-09	10:46A
43931	Storage	Wall	C	Sheetrk	Intact	White/Off White	0.592	-0.038	Negative	11-Jun-09	10:46A
43932	Storage	Window Sill	C	Wood	Intact	White/Off White	1.789	0.439	XRF Positive	11-Jun-09	10:48A
43933	Storage	Window Frame	C	Wood	Intact	White/Off White	3.965	0.068	XRF Positive	11-Jun-09	10:48A
43934	Storage	Window Frame	C	Wood	Intact	White/Off White	1.639	0.52	XRF Positive	11-Jun-09	10:48A
43935	Office 108	Wall	A	Sheetrk	Intact	White/Off White	0.598	0.159	Negative	11-Jun-09	10:49A
43936	Office 108	Wall	B	Sheetrk	Intact	White/Off White	0.201	0.444	Negative	11-Jun-09	10:51A
43937	Office 108	Wall	D	Sheetrk	Intact	White/Off White	-0.558	0.056	Negative	11-Jun-09	10:51A
43938	Office 108	Door Jamb	A	Wood	Intact	White/Off White	0.524	0.52	Negative	11-Jun-09	10:52A
43939	Office 108	Door	D	Wood	Stain Varni	Brown/Beige	0.211	0.061	Negative	11-Jun-09	10:52A
43940	Cone Storage	Wall	A	Sheetrk	Intact	White/Off White	-0.083	-0.088	Negative	11-Jun-09	10:58A
43941	Cone Storage	Wall	D	Sheetrk	Intact	White/Off White	-0.615	0.71	Negative	11-Jun-09	10:58A
43942	Cone Storage	Door Jamb	D	Wood	Stain Varni	Brown/Beige	-0.134	-0.04	Negative	11-Jun-09	10:58A
43943	Cone Storage	Door	D	Wood	Stain Varni	Brown/Beige	-0.082	0.045	Negative	11-Jun-09	10:58A
43944	Rear Storage	Wall	A	Sheetrk	Intact	White/Off White	-0.563	0.513	Negative	11-Jun-09	11:00A
43945	Rear Storage	Wainscot	A	Wood	Intact	Brown/Beige	-0.591	0.302	Negative	11-Jun-09	11:00A
43946	Rear Storage	Wall	B	Sheetrk	Intact	White/Off White	0.057	0.429	Negative	11-Jun-09	11:00A
43947	Rear Storage	Wall	C	Sheetrk	Intact	White/Off White	-0.748	0.492	Negative	11-Jun-09	11:00A
43948	Rear Storage	Wall	D	Sheetrk	Intact	White/Off White	-0.579	0.175	Negative	11-Jun-09	11:01A
43949	Rear Storage	Door	D	Wood	Stain Varni	Brown/Beige	-0.231	0.228	Negative	11-Jun-09	11:01A
43950	Bath/Server Room	Wall	A	Sheetrk	Intact	White/Off White	-0.683	0.427	Negative	11-Jun-09	11:01A
43951	Bath/Server Room	Door Casing	A	Wood	Intact	Brown/Beige	0.035	0.424	Negative	11-Jun-09	11:01A
43952	Bath/Server Room	Wall	B	Sheetrk	Intact	White/Off White	-0.625	0.033	Negative	11-Jun-09	11:01A
43953	Bath/Server Room	Door	B	Wood	Intact	Brown/Beige	-0.885	0.396	Negative	11-Jun-09	11:02A
43954	Bath/Server Room	Wall	C	Sheetrk	Intact	White/Off White	0.002	0.046	Negative	11-Jun-09	11:02A
43955	Bath/Server Room	Window Frame	C	Wood	Intact	White/Off White	0.231	-0.066	Negative	11-Jun-09	11:02A
43956	Bath/Server Room	Window Sash	C	Wood	Intact	White/Off White	0.369	0.124	Negative	11-Jun-09	11:02A
43957	Bath/Server Room	Wall	C	Sheetrk	Intact	White/Off White	0.266	0.259	Negative	11-Jun-09	11:03A
43958	Bath/Server Room	Window Sill	C	Wood	Fair	Brown/Beige	0.231	0.31	Negative	11-Jun-09	11:03A
43959	Bath/Server Room	Window Sash	C	Wood	Intact	White/Off White	-0.572	-0.001	Negative	11-Jun-09	11:03A
43960	Bath/Server Room	Window Frame	C	Wood	Fair	Brown/Beige	0.445	0.27	Negative	11-Jun-09	11:04A
43961	Bath/Server Room	Wall	D	Sheetrk	Intact	White/Off White	-0.636	0.23	Negative	11-Jun-09	11:04A
43962	Bath/Server Room	Door Jamb	D	Wood	Intact	Brown/Beige	0.347	0.104	Negative	11-Jun-09	11:04A
43963	Bath/Server Room	Door	D	Wood	Stain Varni	Brown/Beige	0.318	0.245	Negative	11-Jun-09	11:04A

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
43964	Calibration	*	*	*	*	*	0	0	Unknown	11-Jun-09	11:16A
43965	Calibration	*	*	*	*	*	0	0	Unknown	11-Jun-09	01:18P
43966	Calibration	*	*	*	*	*	1.043	0.91	Inconclusive	11-Jun-09	01:21P
43967	Calibration	*	*	*	*	*	1.036	0.9	Inconclusive	11-Jun-09	01:22P
43968	Calibration	*	*	*	*	*	0.846	0.902	Inconclusive	11-Jun-09	01:23P
43969	Calibration	*	*	*	*	*	1.057	0.964	Inconclusive	11-Jun-09	01:24P
43970	Calibration	*	*	*	*	*	0.889	0.955	Inconclusive	11-Jun-09	01:24P
<b>Special Events Storage, UPEC Office, and Exterior</b>											
Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
44006	Calibration	*	*	*	*	*	0	0	Unknown	11-Jun-09	12:01P
44007	Entry	Wall	A	Sheetrk	Intact	White/Off White	3.608	0.718	XRF Positive	11-Jun-09	12:02P
44008	Entry	Door Jamb	A	Wood	Intact	White/Off White	0.235	-0.015	Negative	11-Jun-09	12:02P
44009	Entry	Door	A	Wood	Intact	White/Off White	2.556	-0.052	XRF Positive	11-Jun-09	12:02P
44010	Entry	Wall	B	Wood	Intact	White/Off White	0.619	0.209	Negative	11-Jun-09	12:02P
44011	Entry	Double Door	B	Wood	Intact	White/Off White	0.336	0.184	Negative	11-Jun-09	12:03P
44012	Entry	Wall	C	Wood	Intact	White/Off White	-0.669	-0.121	Negative	11-Jun-09	12:03P
44013	Entry	Sliding Door	C	Wood	Intact	White/Off White	0.626	0.133	Negative	11-Jun-09	12:03P
44014	Entry	Door	C	Metal	Intact	Gray	-0.083	0.785	Negative	11-Jun-09	12:04P
44015	Entry	Wall	D	Wood	Intact	White/Off White	0.721	0.072	Negative	11-Jun-09	12:04P
44016	Entry	Window Sash	D	Wood	Intact	White/Off White	14.277	-0.496	XRF Positive	11-Jun-09	12:05P
44017	Entry	Window Frame	D	Wood	Intact	White/Off White	1.53	0.245	XRF Positive	11-Jun-09	12:05P
44019	Entry	Ceiling	D	Sheetrk	Intact	White/Off White	1.148	0.205	XRF Positive	11-Jun-09	12:06P
44020	Office	Wall	A	Sheetrk	Intact	White/Off White	2.611	-0.262	XRF Positive	11-Jun-09	12:17P
44021	Office	Wall	A	Sheetrk	Intact	White/Off White	2.065	0.203	XRF Positive	11-Jun-09	12:18P
44022	Office	Wall	C	Sheetrk	Intact	White/Off White	1.696	-0.426	XRF Positive	11-Jun-09	12:18P
44024	Office	Wall	C	Sheetrk	Intact	White/Off White	0.654	0.102	Negative	11-Jun-09	12:20P
44025	Office	Window Sill	C	Wood	Intact	White/Off White	0.302	0.12	Negative	11-Jun-09	12:20P
44026	Office	Window Frame	C	Wood	Intact	White/Off White	0.002	0.098	Negative	11-Jun-09	12:21P
44027	Office	Window Sash	C	Wood	Intact	White/Off White	0.674	-0.038	Negative	11-Jun-09	12:21P
44028	Office	Wall	D	Sheetrk	Intact	White/Off White	0.635	0.011	Negative	11-Jun-09	12:22P
44029	Storage #1	Wall	A	Sheetrk	Intact	White/Off White	-0.761	0.367	Negative	11-Jun-09	12:23P
44030	Storage #1	Wall	B	Sheetrk	Intact	White/Off White	0.533	0.116	Negative	11-Jun-09	12:23P
44031	Storage #1	Door Jamb	B	Wood	Fair	Yellow/Orange	0.604	0.245	Negative	11-Jun-09	12:23P
44032	Storage #1	Door	B	Wood	Fair	Yellow/Orange	11.199	2.241	XRF Positive	11-Jun-09	12:24P
44033	Storage #1	Wall	B	Sheetrk	Intact	White/Off White	0.189	0.261	Negative	11-Jun-09	12:24P
44034	Storage #1	Door Jamb	B	Wood	Intact	White/Off White	0.217	-0.075	Negative	11-Jun-09	12:24P

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
44035	Storage #1	Wall	D	Sheetrk	Intact	White/Off White	0.235	0.179	Negative	11-Jun-09	12:25P
44036	Storage #1	Post/Column	D	Wood	Intact	White/Off White	-0.636	-0.088	Negative	11-Jun-09	12:25P
44037	Storage #1	Header/Beam	D	Wood	Intact	White/Off White	0.017	-0.223	Negative	11-Jun-09	12:25P
44038	Storage #2	Wall	A	Sheetrk	Intact	White/Off White	0.093	-0.157	Negative	11-Jun-09	12:26P
44039	Storage #2	Painted Brick	A	Tile/Brick	Intact	White/Off White	-0.504	0.548	Negative	11-Jun-09	12:27P
44040	Storage #2	Post/Column	A	Wood	Intact	White/Off White	-0.213	-0.08	Negative	11-Jun-09	12:28P
44041	Storage #2	Siding	C	Wood	Intact	White/Off White	0.123	0.458	Negative	11-Jun-09	12:28P
44042	Storage #2	Double Door	C	Wood	Intact	White/Off White	8.26	0.013	XRF Positive	11-Jun-09	12:29P
44043	Storage #2	Floor	C	Wood	Poor	Gray	1.372	0.17	XRF Positive	11-Jun-09	12:29P
44044	Storage #2	Siding	D	Wood	Intact	White/Off White	0.7	0.107	Negative	11-Jun-09	12:30P
44045	Storage #2	Siding	D	Wood	Intact	White/Off White	0.457	0.306	Negative	11-Jun-09	12:30P
44046	Storage #3	Door Jamb	A	Wood	Stain Varni	Brown/Beige	0.369	-0.115	Negative	11-Jun-09	12:36P
44047	Storage #3	Door Jamb	A	Wood	Stain Varni	Brown/Beige	0.194	0.045	Negative	11-Jun-09	12:37P
44048	Storage #3	Door	A	Wood	Fair	White/Off White	11.179	2.985	XRF Positive	11-Jun-09	12:37P
44049	Storage #3	Wall	C	Wood	Intact	White/Off White	0.451	0.1	Negative	11-Jun-09	12:37P
44050	Storage #3	Window Sash	C	Wood	Intact	White/Off White	5.466	1.318	XRF Positive	11-Jun-09	12:37P
44051	Storage #3	Window Frame	C	Wood	Fair	White/Off White	1.609	0.069	XRF Positive	11-Jun-09	12:38P
44052	Storage #3	Window Sill	C	Wood	Intact	White/Off White	-0.005	-0.043	Negative	11-Jun-09	12:38P
44053	Storage #3	Door	D	Wood	Intact	White/Off White	0.521	0.306	Negative	11-Jun-09	12:38P
44054	Storage #4	Post/Column	A	Wood	Intact	Gray	0.16	-0.061	Negative	11-Jun-09	12:39P
44055	Storage #4	Sliding Door	C	Wood	Fair	White/Off White	-0.538	-0.205	Negative	11-Jun-09	12:40P
44056	Storage #4	Post/Column	C	Wood	Fair	White/Off White	0.337	-0.202	Negative	11-Jun-09	12:40P
44057	Storage #4	Stair Handrail	D	Wood	Fair	White/Off White	0.019	0.03	Negative	11-Jun-09	12:40P
44058	Storage #4	Floor	D	Wood	Fair	Gray	0.239	-0.03	Negative	11-Jun-09	12:41P
44059	Storage #4	Double Door	D	Wood	Fair	Gray	9.027	-0.16	XRF Positive	11-Jun-09	12:42P
44060	Storage #4	Siding	D	Wood	Intact	Gray	0.098	0.254	Negative	11-Jun-09	12:42P
44061	Storage #4	Floor	D	Wood	Fair	Yellow/Orange	6.427	3.215	XRF Positive	11-Jun-09	12:42P
44062	Exterior	Siding	A	Vinyl	Fair	White/Off White	2.06	0.092	XRF Positive	11-Jun-09	12:44P
44063	Exterior	Door	A	Wood	Poor	White/Off White	2.039	0.741	XRF Positive	11-Jun-09	12:44P
44064	Exterior	Door Casing	A	Wood	Poor	White/Off White	1.838	0.81	XRF Positive	11-Jun-09	12:45P
44065	Exterior	Window Sill	A	Wood	Poor	White/Off White	1.654	0.137	XRF Positive	11-Jun-09	12:45P
44066	Exterior	Window Frame	A	Wood	Poor	White/Off White	10.647	2.24	XRF Positive	11-Jun-09	12:45P
44067	Exterior	Window Sash	A	Wood	Poor	White/Off White	4.307	0.555	XRF Positive	11-Jun-09	12:45P
44068	Exterior	Double Door	A	Wood	Poor	White/Off White	0.308	0.24	Negative	11-Jun-09	12:45P
44069	Exterior	Floor	A	Wood	Poor	Gray	-0.538	0.227	Negative	11-Jun-09	12:46P
44070	Exterior	Safety Rail	A	Metal	Intact	Black	0.087	0.558	Negative	11-Jun-09	12:46P

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
44071	Exterior	Siding	A	Wood	Fair	White/Off White	18.756	3.502	XRF Positive	11-Jun-09	12:46P
44072	Exterior	Gutter	A	Metal	Intact	White/Off White	1.439	0.367	XRF Positive	11-Jun-09	12:46P
44073	Exterior	Downspout	A	Metal	Intact	White/Off White	0.662	0.45	Negative	11-Jun-09	12:47P
44074	Exterior	Downspout	A	Metal	Intact	White/Off White	3.282	0.496	XRF Positive	11-Jun-09	12:47P
44075	Exterior	Window Screen	A	Metal	Poor	White/Off White	1.984	0.701	XRF Positive	11-Jun-09	12:47P
44076	Exterior	Eaves	A	Wood	Fair	White/Off White	23.211	2.619	XRF Positive	11-Jun-09	12:48P
44077	Exterior	Rafter Tail	A	Wood	Fair	White/Off White	20.134	3.054	XRF Positive	11-Jun-09	12:48P
44078	Exterior	Siding	B	Vinyl	Fair	White/Off White	7.237	0.336	XRF Positive	11-Jun-09	12:48P
44079	Exterior	Siding	B	Wood	Poor	White/Off White	13.657	1.906	XRF Positive	11-Jun-09	12:48P
44080	Exterior	Door	B	Wood	Poor	White/Off White	5.084	1.196	XRF Positive	11-Jun-09	12:48P
44081	Exterior	Door Jamb	B	Wood	Poor	White/Off White	5.451	0.337	XRF Positive	11-Jun-09	12:49P
44082	Exterior	Window Sill	B	Wood	Poor	White/Off White	2.214	0.517	XRF Positive	11-Jun-09	12:49P
44083	Exterior	Window Frame	B	Wood	Poor	White/Off White	20.087	2.08	XRF Positive	11-Jun-09	12:49P
44084	Exterior	Window Sash	B	Wood	Poor	White/Off White	2.592	1.366	XRF Positive	11-Jun-09	12:49P
44085	UPEC Conference Room	Siding	A	Wood	Intact	White/Off White	2.962	-0.266	XRF Positive	11-Jun-09	12:52P
44086	UPEC Conference Room	Wall	A	Sheetrk	Intact	White/Off White	-0.233	-0.259	Negative	11-Jun-09	12:52P
44087	UPEC Conference Room	Siding	B	Wood	Intact	White/Off White	8.869	0.217	XRF Positive	11-Jun-09	12:53P
44088	UPEC Conference Room	Window Sill	B	Wood	Intact	White/Off White	8.653	0.09	XRF Positive	11-Jun-09	12:53P
44089	UPEC Conference Room	Window Frame	B	Wood	Intact	White/Off White	12.119	0.103	XRF Positive	11-Jun-09	12:53P
44090	UPEC Conference Room	Window Sash	B	Wood	Intact	White/Off White	0.334	0.304	Negative	11-Jun-09	12:53P
44091	UPEC Conference Room	Door	B	Wood	Intact	White/Off White	0.134	0	Negative	11-Jun-09	12:53P
44092	UPEC Conference Room	Door Jamb	B	Wood	Intact	White/Off White	0.51	0.124	Negative	11-Jun-09	12:54P
44093	UPEC Conference Room	Siding	C	Wood	Intact	White/Off White	7.285	-0.01	XRF Positive	11-Jun-09	12:54P
44094	UPEC Conference Room	Door	C	Wood	Intact	White/Off White	5.36	1.142	XRF Positive	11-Jun-09	12:54P
44095	UPEC Conference Room	Wall	D	Sheetrk	Intact	White/Off White	-0.063	0.168	Negative	11-Jun-09	12:54P

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
44096	UPEC Storage	Siding	A	Wood	Intact	White/Off White	19.428	2.698	XRF Positive	11-Jun-09	12:55P
44097	UPEC Storage	Window Sill	A	Wood	Intact	White/Off White	2.907	0.729	XRF Positive	11-Jun-09	12:55P
44098	UPEC Storage	Window Frame	A	Wood	Intact	White/Off White	6.269	1.432	XRF Positive	11-Jun-09	12:55P
44099	UPEC Storage	Window Sash	A	Wood	Intact	White/Off White	2.522	0.214	XRF Positive	11-Jun-09	12:55P
44100	UPEC Storage	Threshold	A	Wood	Intact	White/Off White	2.125	-0.061	XRF Positive	11-Jun-09	12:55P
44101	UPEC Storage	Door Jamb	A	Wood	Intact	White/Off White	6.456	0.941	XRF Positive	11-Jun-09	12:55P
44102	UPEC Storage	Door	A	Wood	Intact	White/Off White	8.55	1.911	XRF Positive	11-Jun-09	12:56P
44103	UPEC Storage	Wall	B	Sheetrk	Intact	White/Off White	-0.113	0.104	Negative	11-Jun-09	12:56P
44104	UPEC Storage	Wall	C	Sheetrk	Intact	White/Off White	-0.975	0.419	Negative	11-Jun-09	12:56P
44105	UPEC Storage	Wall	D	Sheetrk	Intact	White/Off White	0.274	0.277	Negative	11-Jun-09	12:56P
44106	UPEC Storage	Siding	D	Wood	Intact	White/Off White	22.018	3.595	XRF Positive	11-Jun-09	12:56P
44107	UPEC Storage	Window Sash	D	Wood	Intact	White/Off White	0.604	0.206	Negative	11-Jun-09	12:57P
44108	UPEC Hall	Wall	A	Sheetrk	Intact	White/Off White	0.068	0.398	Negative	11-Jun-09	12:57P
44109	UPEC Hall	Wall	B	Sheetrk	Intact	White/Off White	0.172	0.15	Negative	11-Jun-09	12:57P
44110	UPEC Hall	Door Jamb	B	Wood	Intact	White/Off White	0.284	0.513	Negative	11-Jun-09	12:58P
44111	UPEC Hall	Door	A	Wood	Intact	White/Off White	-0.056	0.287	Negative	11-Jun-09	12:58P
44112	UPEC Hall	Siding	B	Wood	Intact	White/Off White	21.122	0.524	XRF Positive	11-Jun-09	12:58P
44113	UPEC Hall	Window Frame	B	Wood	Intact	White/Off White	15.207	-0.31	XRF Positive	11-Jun-09	12:58P
44114	UPEC Hall	Window Sill	B	Wood	Intact	White/Off White	9.11	-0.12	XRF Positive	11-Jun-09	12:58P
44115	UPEC Hall	Window Sash	B	Wood	Intact	White/Off White	7.299	-0.127	XRF Positive	11-Jun-09	12:58P
44116	UPEC Hall	Wall	D	Sheetrk	Intact	White/Off White	0.046	0.188	Negative	11-Jun-09	12:59P
44117	UPEC Hall	Siding	D	Wood	Intact	White/Off White	5.364	-0.032	XRF Positive	11-Jun-09	12:59P
44118	UPEC Bath	Wall	A	Sheetrk	Intact	White/Off White	-0.165	0.372	Negative	11-Jun-09	12:59P
44119	UPEC Bath	Wall	B	Sheetrk	Intact	White/Off White	-0.283	0.128	Negative	11-Jun-09	12:59P
44120	UPEC Bath	Door Jamb	B	Wood	Intact	White/Off White	0.704	0.138	Negative	11-Jun-09	01:01P
44121	UPEC Bath	Door	B	Wood	Intact	White/Off White	5.457	0.839	XRF Positive	11-Jun-09	01:02P
44122	UPEC Bath	Siding	C	Wood	Intact	White/Off White	9.843	0.456	XRF Positive	11-Jun-09	01:02P
44123	UPEC Bath	Window Frame	C	Wood	Intact	White/Off White	14.426	-0.249	XRF Positive	11-Jun-09	01:03P
44124	UPEC Bath	Window Sill	C	Wood	Intact	White/Off White	7.785	0.28	XRF Positive	11-Jun-09	01:03P
44125	UPEC Bath	Window Sash	C	Wood	Intact	White/Off White	7.362	0.242	XRF Positive	11-Jun-09	01:03P
44126	UPEC Bath	Siding	D	Wood	Intact	White/Off White	3.955	-0.662	XRF Positive	11-Jun-09	01:03P
44127	UPEC Storage	Siding	A	Wood	Intact	White/Off White	0.926	-0.002	Inconclusive	11-Jun-09	01:03P
44128	UPEC Storage	Siding	A	Wood	Intact	White/Off White	0.218	-0.089	Negative	11-Jun-09	01:04P
44129	UPEC Storage	Siding	B	Wood	Intact	White/Off White	6.681	0.021	XRF Positive	11-Jun-09	01:04P
44130	UPEC Storage	Door Jamb	B	Wood	Intact	White/Off White	1.384	0.373	XRF Positive	11-Jun-09	01:05P
44131	UPEC Storage	Door	B	Wood	Intact	White/Off White	0.099	0.147	Negative	11-Jun-09	01:05P

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
44132	UPEC Storage	Siding	C	Wood	Intact	White/Off White	5.861	0.281	XRF Positive	11-Jun-09	01:05P
44133	UPEC Storage	Siding	D	Wood	Intact	White/Off White	0.57	0.159	Negative	11-Jun-09	01:05P
44134	UPEC Storage	Ceiling	D	Wood	Intact	White/Off White	0.489	0.108	Negative	11-Jun-09	01:06P
44135	UPEC Storage	Floor	A	Concrete	Intact	Gray	-0.16	0.477	Negative	11-Jun-09	01:06P
44136	Exterior	Eaves	B	Wood	Poor	White/Off White	3.818	1.476	XRF Positive	11-Jun-09	01:09P
44137	Exterior	Rafter Tail	B	Wood	Poor	White/Off White	3.12	-0.095	XRF Positive	11-Jun-09	01:09P
44138	Exterior	Siding	C	Vinyl	Intact	White/Off White	2.081	0.183	XRF Positive	11-Jun-09	01:10P
44139	Exterior	Siding	C	Wood	Poor	White/Off White	6.066	2.173	XRF Positive	11-Jun-09	01:10P
44140	Exterior	Siding	C	Wood	Poor	White/Off White	0.231	0.028	Negative	11-Jun-09	01:10P
44141	Exterior	Paneling	C	Wood	Poor	White/Off White	0.548	0.219	Negative	11-Jun-09	01:11P
44142	Exterior	Sliding Door	C	Wood	Fair	White/Off White	-0.077	0.022	Negative	11-Jun-09	01:11P
44143	Exterior	Sliding Door	C	Wood	Fair	White/Off White	-0.155	-0.044	Negative	11-Jun-09	01:11P
44144	Exterior	Post/Column	C	Wood	Fair	White/Off White	0.693	0.405	Negative	11-Jun-09	01:12P
44145	Exterior	Downspout	C	Metal	Fair	White/Off White	-0.009	0.864	Negative	11-Jun-09	01:14P
44146	Exterior	Gutter	C	Metal	Fair	White/Off White	0.079	0.577	Negative	11-Jun-09	01:14P
44147	Exterior	Window Sill	C	Wood	Poor	White/Off White	7.225	1.366	XRF Positive	11-Jun-09	01:14P
44148	Exterior	Window Sash	C	Wood	Poor	White/Off White	6.422	1.001	XRF Positive	11-Jun-09	01:14P
44149	Exterior	Window Frame	C	Wood	Poor	White/Off White	4.44	1.139	XRF Positive	11-Jun-09	01:14P
44150	Exterior	Eaves	C	Wood	Poor	White/Off White	5.117	0.173	XRF Positive	11-Jun-09	01:14P
44151	Exterior	Rafter Tail	C	Wood	Poor	White/Off White	1.793	0.069	XRF Positive	11-Jun-09	01:15P
44152	Exterior	Door	C	Metal	Intact	Gray	-0.005	0.685	Negative	11-Jun-09	01:15P
44153	Exterior	Stair Tread	C	Wood	Intact	Gray	0.549	0.187	Negative	11-Jun-09	01:15P
44154	Exterior	Stair Handrail	C	Wood	Fair	White/Off White	-0.451	0.055	Negative	11-Jun-09	01:16P
44155	Exterior	Stair Handrail	C	Wood	Fair	Gray	-0.213	0.15	Negative	11-Jun-09	01:16P
44156	Exterior	Window Screen	C	Metal	Poor	White/Off White	5.085	2.353	XRF Positive	11-Jun-09	01:17P
44157	Exterior	Siding	D	Vinyl	Intact	White/Off White	1.517	0.187	XRF Positive	11-Jun-09	01:17P
44159	Exterior	Post/Column	D	Wood	Fair	White/Off White	8.325	1.496	XRF Positive	11-Jun-09	01:18P
44160	Exterior	Door	D	Wood	Intact	White/Off White	3.032	0.602	XRF Positive	11-Jun-09	01:18P
44161	Exterior	Door Jamb	D	Wood	Intact	White/Off White	6.747	1.568	XRF Positive	11-Jun-09	01:18P
44162	Exterior	Overhang	D	Wood	Poor	White/Off White	9.401	1.043	XRF Positive	11-Jun-09	01:18P
44163	Calibration	*	*	*	*	*	0	0	Unknown	11-Jun-09	01:18P
<b>Mechanical/Maintenance Office</b>											
Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
870	Calibration	*	*	*	*	*	0	0	Unknown	11-Jun-09	11:16A
871	Common Bath	Siding	A	Wood	Intact	White/Off White	0.542	-0.096	Negative	11-Jun-09	11:29A
873	Common Bath	Siding	B	Wood	Intact	White/Off White	0.744	-0.266	Negative	11-Jun-09	11:30A

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
874	Common Bath	Siding	C	Wood	Intact	White/Off White	0.643	-0.015	Negative	11-Jun-09	11:32A
875	Common Bath	Siding	D	Wood	Intact	White/Off White	0.616	0.053	Negative	11-Jun-09	11:32A
877	Common Bath	Door Jamb	D	Wood	Fair	White/Off White	1.097	-0.252	XRF Positive	11-Jun-09	11:33A
878	Common Bath	Door	D	Wood	Fair	White/Off White	3.141	0.934	XRF Positive	11-Jun-09	11:35A
879	Common Bath	Ceiling	D	Wood	Intact	White/Off White	0.522	-0.018	Negative	11-Jun-09	11:35A
880	Common Bath	Cabinets	A	Metal	Fair	White/Off White	0.627	0.585	Negative	11-Jun-09	11:40A
881	Maintenance Shop	Wall	B	Sheetrk	Intact	White/Off White	-0.347	0.224	Negative	11-Jun-09	11:41A
882	Maintenance Shop	Siding	B	Wood	Intact	White/Off White	0.69	0.257	Negative	11-Jun-09	11:41A
883	Maintenance Shop	Siding	C	Wood	Fair	White/Off White	-0.649	0.083	Negative	11-Jun-09	11:42A
884	Maintenance Shop	Post/Column	C	Wood	Fair	Gray	0.39	0.255	Negative	11-Jun-09	11:42A
885	Maintenance Shop	Sliding Door	C	Wood	Fair	Gray	-0.669	-0.106	Negative	11-Jun-09	11:42A
886	Maintenance Shop	Wall	D	Sheetrk	Intact	White/Off White	-0.58	0.744	Negative	11-Jun-09	11:43A
887	Maintenance Shop	Trim	D	Wood	Fair	Gray	0.055	-0.163	Negative	11-Jun-09	11:43A
902	Maintenance Shop	Post/Column	C	Wood	Fair	Gray	-0.14	0.007	Negative	11-Jun-09	11:50A
<b>Suite 201, Conference, Museum</b>											
Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
1063	Calibration	*	*	*	*	*	0	0	Unknown	11-Jun-09	09:11A
1064	Office	Wall	A	Sheetrk	Intact	White/Off White	-0.143	0.071	Negative	11-Jun-09	09:13A
1065	Office	Door Casing	A	Wood	Fair	White/Off White	0.249	-0.004	Negative	11-Jun-09	09:13A
1066	Office	Wall	B	Sheetrk	Intact	White/Off White	-0.238	-0.373	Negative	11-Jun-09	09:13A
1067	Office	Siding	C	Wood	Intact	White/Off White	7.317	-0.425	XRF Positive	11-Jun-09	09:14A
1068	Office	Door Casing	C	Wood	Fair	White/Off White	0.705	0.157	Negative	11-Jun-09	09:14A
1069	Office	Door	C	Wood	Poor	White/Off White	0.199	0.264	Negative	11-Jun-09	09:15A
1070	Office	Door	C	Wood	Intact	White/Off White	16.079	0.422	XRF Positive	11-Jun-09	09:15A
1071	Office	Wall	D	Sheetrk	Intact	White/Off White	-0.405	-0.037	Negative	11-Jun-09	09:16A
1072	Storage	Wall	A	Sheetrk	Intact	White/Off White	0.101	0.199	Negative	11-Jun-09	09:16A
1073	Storage	Door Jamb	A	Wood	Intact	White/Off White	-0.005	0.266	Negative	11-Jun-09	09:16A
1074	Storage	Door	A	Wood	Fair	White/Off White	15.382	0.633	XRF Positive	11-Jun-09	09:16A
1075	Storage	Ceiling	A	Sheetrk	Intact	White/Off White	-0.511	0.087	Negative	11-Jun-09	09:16A
1076	Storage	Wall	B	Sheetrk	Intact	White/Off White	-1.326	0.06	Negative	11-Jun-09	09:17A
1077	Storage	Wall	C	Sheetrk	Intact	White/Off White	0.034	0.047	Negative	11-Jun-09	09:17A
1078	Storage	Wall	D	Sheetrk	Intact	White/Off White	0.072	-0.272	Negative	11-Jun-09	09:17A
1079	Hall Bath	Siding	A	Wood	Intact	White/Off White	0.274	-0.064	Negative	11-Jun-09	09:19A
1080	Hall Bath	Door Casing	A	Wood	Fair	White/Off White	0.02	0.069	Negative	11-Jun-09	09:19A
1081	Hall Bath	Door	A	Wood	Fair	White/Off White	0.088	0.002	Negative	11-Jun-09	09:19A
1082	Hall Bath	Wall	B	Sheetrk	Intact	White/Off White	-0.492	0.337	Negative	11-Jun-09	09:20A

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
1083	Hall Bath	Siding	C	Wood	Intact	White/Off White	9.263	0.205	XRF Positive	11-Jun-09	09:20A
1084	Hall Bath	Door	B	Wood	Intact	White/Off White	-0.181	-0.045	Negative	11-Jun-09	09:20A
1085	Hall Bath	Ceiling	C	Wood	Intact	White/Off White	0.652	0.028	Negative	11-Jun-09	09:20A
1086	Hall Bath	Siding	D	Wood	Intact	White/Off White	0.253	-0.247	Negative	11-Jun-09	09:21A
1087	Hall Bath	Floor	D	Concrete	Intact	Red/Pink	-1.075	-0.338	Negative	11-Jun-09	09:21A
1088	Museum	Wall	A	Sheetrk	Intact	White/Off White	0.014	0.026	Negative	11-Jun-09	09:29A
1089	Museum	Siding	A	Wood	Intact	White/Off White	9.288	0.003	XRF Positive	11-Jun-09	09:29A
1090	Museum	Door Casing	A	Wood	Intact	White/Off White	-0.009	-0.138	Negative	11-Jun-09	09:29A
1091	Museum	Wall	B	Sheetrk	Intact	White/Off White	-0.414	-0.042	Negative	11-Jun-09	09:29A
1092	Museum	Door Casing	B	Wood	Intact	White/Off White	0.244	0.067	Negative	11-Jun-09	09:30A
1093	Museum	Wall	C	Sheetrk	Intact	White/Off White	-0.457	0.316	Negative	11-Jun-09	09:30A
1094	Museum	Siding	C	Wood	Intact	White/Off White	5.373	-0.452	XRF Positive	11-Jun-09	09:30A
1095	Museum	Wall	D	Sheetrk	Intact	White/Off White	-0.668	0.241	Negative	11-Jun-09	09:30A
1096	Museum	Header/Beam	D	Wood	Intact	White/Off White	0.654	-0.174	Negative	11-Jun-09	09:31A
1097	Museum	Ceiling	D	Wood	Intact	White/Off White	9.127	0.492	XRF Positive	11-Jun-09	09:32A
1117	Bath #1	Wall	A	Sheetrk	Intact	White/Off White	-0.168	0.151	Negative	11-Jun-09	09:56A
1118	Bath #1	Trim	A	Wood	Intact	Brown/Beige	0.482	-0.136	Negative	11-Jun-09	09:56A
1119	Bath #1	Wall	B	Sheetrk	Intact	White/Off White	-0.038	0.168	Negative	11-Jun-09	09:56A
1120	Bath #1	Door Casing	B	Wood	Intact	Brown/Beige	0.049	0.035	Negative	11-Jun-09	09:57A
1121	Bath #1	Door	B	Wood	Intact	White/Off White	-1.006	-0.104	Negative	11-Jun-09	09:57A
1122	Bath #1	Siding	C	Wood	Intact	White/Off White	0.398	-0.632	Negative	11-Jun-09	09:57A
1123	Bath #1	Wall	D	Sheetrk	Intact	White/Off White	0.061	0.19	Negative	11-Jun-09	09:57A
1124	Bath #1	Window Frame	C	Wood	Intact	White/Off White	5.231	0.426	XRF Positive	11-Jun-09	09:57A
1125	Bath #1	Window Sash	C	Wood	Intact	Brown/Beige	4.06	-0.05	XRF Positive	11-Jun-09	09:58A
1126	Calibration	*	*	*	*	*	0	0	Unknown	11-Jun-09	10:19A

**APPENDIX C: Certifications and Lead Hazard Evaluation Form**

State of California Department of Public Health

Lead-Related  
Construction  
Certificate

Certificate  
Type

Expiration  
Date

Inspector/Assessor 08/28/2010



**Terri A. MacFarlane**

ID #: **5666**

### LEAD HAZARD EVALUATION REPORT

409-562

**Section 1 – Date of Lead Hazard Evaluation** 6/11/09

**Section 2 – Type of Lead Hazard Evaluation (Check one box only)**

Lead Inspection     Risk assessment     Clearance Inspection     Other (specify) \_\_\_\_\_

**Section 3 – Structure Where Lead Hazard Evaluation Was Conducted**

Address [number, street, apartment (if applicable)] <u>THE PRESIDIO - BLDG 201</u>		City <u>SAN FRANCISCO</u>	County <u>SAN FRANCISCO</u>	Zip Code <u>94623</u>
Construction date (year) of structure <u>1897</u>	Type of structure <input type="checkbox"/> Multi-unit building <input type="checkbox"/> School or daycare <input type="checkbox"/> Single family dwelling <input checked="" type="checkbox"/> Other <u>MILITARY</u>		Children living in structure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't Know	

**Section 4 – Owner of Structure (if business/agency, list contact person)**

Name <u>DAVE KEBA CALTRANS</u>		Telephone number <u>510-280-5497</u>		
Address [number, street, apartment (if applicable)] <u>P.O. BOX 23440</u>		City <u>OAKLAND</u>	State <u>CA</u>	Zip Code <u>94623</u>

**Section 5 – Results of Lead Hazard Evaluation (check all that apply)**

No lead-based paint detected     Intact lead-based paint detected     Deteriorated lead-based paint detected  
 No lead hazards detected     Lead-contaminated dust found     Lead-contaminated soil found     Other \_\_\_\_\_

**Section 6 – Individual Conducting Lead Hazard Evaluation**

Name <u>Terri MacFarlane</u>		Telephone number <u>(800) 988-7424</u>		
Address [number, street, apartment (if applicable)] <u>3732 Charter Park Dr Ste A</u>		City <u>San Jose</u>	State <u>CA</u>	Zip Code <u>95136</u>
CDPH certification number <u>5666</u>	Signature 		Date <u>7/11/09</u>	
Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable) <u>MAP 4    M4-1433    M4-1365</u>				

**Section 7 – Attachments**

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
- B. Each testing method, device, and sampling procedure used;
- C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector  
 Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:  
 California Department of Public Health  
 Childhood Lead Poisoning Prevention Branch Reports  
 850 Marina Bay Parkway, Building P, Third Floor  
 Richmond, CA 94804-6403  
 Fax: (510) 620-5656

## **APPENDIX D: Previous Survey Information**



**FINAL REPORT  
BUILDING 0201  
ASBESTOS MATERIALS RE-SURVEY AND LEAD-BASED PAINT INVESTIGATION  
PRESIDIO OF SAN FRANCISCO  
SAN FRANCISCO, CALIFORNIA**

CONTRACT NUMBER DACA05-87-C-0188  
MODIFICATION P00008

Prepared for:

**U.S. ARMY CORPS OF ENGINEERS  
SACRAMENTO DISTRICT  
1325 J STREET  
SACRAMENTO, CALIFORNIA 95814-2922**

Prepared by:

**VERSAR, INC.  
1255 HARBOR BAY PARKWAY  
SUITE 100  
ALAMEDA, CALIFORNIA 94502**

Versar Project Number 2901

January 22, 1996



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Appendix B ACM Exposure Hazard Assessment

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Appendix D ACM Chain of Custody Records



## 1.0 BUILDING DESCRIPTION

Building 0201 is an Exchange Store Administration Office and was constructed in 1897. The building has an approximate area of 11,485 square feet (SF) and consists of one floor and a basement. According to asbestos abatement records, approximately 1,560 SF of sprayed on ceiling and approximately 270 SF of vinyl floor tile (VFT) and associated mastic was removed from the second floor in 1994.

Building 0201 is a wood frame structure on a concrete foundation. The exterior walls of the building are wood and vinyl siding. The roof system consists of asphalt shingles and mineral roll roofing over a felt underlay. Interior construction materials include wood, gypsum board/wall board, and fiberboard walls; fiberboard, gypsum board/wall board, and acoustical ceiling tile (ACT) ceilings; and concrete, linoleum, and VFT flooring. Heating and ventilation is supplied to the post office portion of the building only. Heating is provided by gas heaters, and a fresh air ventilation system exists.



## 2.0 ASBESTOS MATERIAL SURVEY

### 2.1 Approach

Versar, Inc. (Versar) conducted a survey of Building 0201 for asbestos-containing materials (ACM) in 1995, under contract with the U.S. Army Corps of Engineers, Sacramento District. This survey expands on and incorporates data from a 1988-1989 asbestos screening survey of the Presidio of San Francisco, also conducted by Versar. During the current survey, Versar visually inspected all readily accessible areas of the building, identified homogeneous areas of suspect material, and collected representative samples of suspect material for laboratory analysis. Flooring materials and most asphalt roofing materials were assumed to contain asbestos and were not sampled unless significantly damaged. All sampling and inspection activities were performed in accordance with the *Presidio of San Francisco, Asbestos Materials and Lead-Based Paint Resurvey, Preliminary Survey Submittal, Quality Assurance Control Program* and the *Presidio of San Francisco, Asbestos Materials and Lead-Based Paint Resurvey, Safety and Health Plan* and are subject to the Statement of Limitations presented as Appendix A.

Where ACM was identified in the interior of buildings, Versar conducted a qualitative assessment of potential risk to human health. The qualitative assessment considers the ACM's physical damage, water damage, distance from repairs, potential for contact, total area, barriers, population, friability, ventilation, air movement, activity, asbestos content, and type of material. The qualitative assessment produces a hazard rank ranging from 1, which represents the most risk to human health, to 6, which represents the least risk to human health. Versar also presents recommended response actions based on the ACM's assessed risk. Hazard ranks are not developed for exterior materials; however, Versar does provide recommended response actions for these materials. These recommendations represent Versar's professional judgement based upon industry standards and conditions existing at the time of the survey. The ACM Exposure Hazard Assessment is included as Appendix B. The ACM Laboratory Reports and ACM Chain of Custody Records are presented as Appendix C and Appendix D, respectively.



Cost estimates for removal of each individual positive and assumed ACM were calculated from unit costs collected from local abatement contractors. Cost estimates are based on removal of individual materials. Removal of a combination of materials could increase or decrease the total cost. For small quantities of materials with removal costs less than \$1,500.00 a minimum cost of \$1,500.00 was applied to the material to account for fixed costs such as mobilization.

## **2.2 Building Material Bulk Sample Summary**

Thirty-eight (38) samples of suspect ACM including VFT, VFT mastic, fiberboard, ACT lay-in, ACT spline or glued, vinyl baseboard, vinyl baseboard mastic, ceiling insulation (blown-in), felt paper, carpet mastic, caulk, window putty, mineral roll roofing, gypsum board/wall board, gypsum board joint compound, asphalt shingles, and duct mastic were collected from the building. Six (6) suspect ACM including VFT, VFT mastic, felt paper, mineral roll roofing, asphalt shingles, and roofing mastic were assumed to contain asbestos. The sample locations and the laboratory results are presented in Figure A and Table A, respectively. The materials which were identified as containing asbestos, as well as those materials that were not sampled but were assumed to contain asbestos, are discussed further in Section 2.3.

## **2.3 Hazard Assessments and Recommended Corrective Action**

The ACM identified or assumed in Building 0201 include VFT, VFT mastic, felt paper, caulk, mineral roll roofing, asphalt shingles, and roofing mastic.

Versar recommends that an ACM Operations and Maintenance (O&M) Program be developed at the Presidio of San Francisco. The O&M Program should include the procedures for managing the specific ACM identified, and should be incorporated into the normal operating procedures for The Presidio of San Francisco. The components of the O&M Program should include the locations of all ACM, reporting procedures, notifications to all contractors who perform work such as repairs to the heating, ventilation, and air conditioning (HVAC) systems, plumbing, electrical repairs, telephone repairs, or janitorial



services. The O&M Program should provide the acceptable procedures for working with or near ACM and should also provide for the periodic reinspection of the materials by a person qualified to evaluate current conditions. In addition to the O&M Program, other recommended response actions are also provided in this report. Recommendations may include removal, repair, encapsulation, enclosure, or periodic inspection to ensure that the condition of the material has not changed. Asbestos-related activities should be performed in accordance with all federal, state, and local regulations.

The asbestos-containing VFT located throughout the building is assigned a friability rating of "nonfriable" and a damage rating of "low". Bulk samples of this material were collected during the 1988-1989 asbestos screening survey and were found to contain trace asbestos. According to the protocol for the 1995 asbestos survey, this material is assumed to be an ACM. This material has a hazard rank of 4. Versar recommends repairing the damaged VFT and incorporating the material into an O&M Program for proper management. Versar further recommends that individuals in these areas be instructed to refrain from any activity which could disturb the asbestos-containing VFT. This includes cutting, sanding, abrading, drilling, crushing, and any other activity having the potential to disturb the material. In addition, Versar recommends that sampling be performed to confirm the presence or absence of asbestos prior to any renovation or demolition that would disturb this material.

The asbestos-containing VFT mastic located throughout the building is assigned a friability rating of "nonfriable" and a damage rating of "low". Bulk samples of this material were collected during the 1988-1989 asbestos screening survey and were found to contain 1-10 percent asbestos. According to the protocol for the 1995 asbestos survey, this material is assumed to be an ACM. This material has a hazard rank of 5. Versar recommends conducting periodic inspections of the material to ensure that no further damage occurs. Versar additionally recommends that the material is incorporated into an O&M Program for proper management. Versar further recommends that individuals in these areas be instructed to refrain from any activity which could disturb the asbestos-containing VFT mastic. This includes cutting, sanding, abrading, drilling, crushing, and any other activity having the



potential to disturb the material. In addition, Versar recommends that sampling be performed to confirm the presence or absence of asbestos prior to any renovation or demolition that would disturb this material.

The asbestos-containing felt paper located beneath the mineral roll roofing and the asphalt roofing shingles is assigned a friability rating of "nonfriable" and a damage rating of "none". No bulk samples of this material were collected and the material is assumed to contain asbestos. This material is located on the exterior of the building; therefore, a hazard rank is not applicable. Versar recommends incorporating the material into an O&M Program for proper management. In addition, Versar recommends that sampling be performed to confirm the presence or absence of asbestos prior to any renovation or demolition that would disturb this material.

The asbestos-containing caulk located around the glass doors and on the porch is assigned a friability rating of "nonfriable" and a damage rating of "none". Bulk samples of this material were collected and found to contain 3 percent chrysotile asbestos. This material is located on the exterior of the building; therefore, a hazard rank is not applicable. Versar recommends incorporating the material into an O&M Program for proper management.

The asbestos-containing mineral roll roofing located on roofs above exterior doorways is assigned a friability rating of "nonfriable" and a damage rating of "none". Bulk samples of this material were collected during the 1988-1989 asbestos screening survey and laboratory analysis did not detect asbestos in the samples collected. However, according to the protocol for the 1995 asbestos survey, this material is assumed to be an ACM. This material is located on the exterior of the building; therefore, a hazard rank is not applicable. Versar recommends incorporating the material into an O&M Program for proper management. In addition, Versar recommends that sampling be performed to confirm the presence or absence of asbestos prior to any renovation or demolition that would disturb this material.

The asbestos-containing gypsum board joint compound located on various walls and ceilings throughout the building is assigned a friability rating of "low" and a damage rating of "none". Bulk samples of this material were collected during the 1988-1989 asbestos



screening survey and were found to contain trace percent asbestos. According to the protocol for the 1995 asbestos survey, this material is assumed to be an ACM. This material has a hazard rank of 5. Versar recommends periodic inspections of this material as part of an O&M Program for proper management.

The asbestos-containing asphalt shingles located over the entire portion of the main roof is assigned a friability rating of "nonfriable" and a damage rating of "none". Bulk samples of this material were collected during the 1988-1989 asbestos screening survey and laboratory analysis did not detect asbestos in the samples collected. However, according to the protocol for the 1995 asbestos survey, this material is assumed to be an ACM. This material is located on the exterior of the building; therefore, a hazard rank is not applicable. Versar recommends incorporating the material into an O&M Program for proper management. In addition, Versar recommends that sampling be performed to confirm the presence or absence of asbestos prior to any renovation or demolition that would disturb this material.

The asbestos-containing roofing mastic located around roof penetrations is assigned a friability rating of "nonfriable" and a damage rating of "none". No bulk samples of this material were collected and the material is assumed to contain asbestos. This material is located on the exterior of the building; therefore, a hazard rank is not applicable. Versar recommends incorporating the material into an O&M Program for proper management. In addition, Versar recommends that sampling be performed to confirm the presence or absence of asbestos prior to any renovation or demolition that would disturb this material.

**Versar** INC.

**TABLES**

TABLE A  
 ASBESTOS BUILDING DATA SUMMARY  
 PRESIDIO OF SAN FRANCISCO  
 BUILDING NO. 0201

Page 1 of 2

Inspector: 0618/0622  
 Inspection Date: 04/12/95

HOMOGENEOUS AREA	MATERIAL	DAMAGE	FRIABILITY	HAZARD RANK	SAMPLE NUMBER	PERCENT ASBESTOS	ASBESTOS PRESENT	QUANTITY	UNIT	UNIT COST	ABATEMENT COST
1/0201/001	Vinyl Floor Tile (VFT)	LOW	NONE	4	HA Summary	1-29	A	5005	SF	\$1.50	\$7507
1/0201/002	VFT Mastic	LOW	NONE	5	HA Summary	N/A	A	5722	SF	\$1.10	\$6294
1/0201/003	Fiberboard	NO	NONE	-	HA Summary	1-29	N	8425	SF	\$3.00	\$0
1/0201/004	ACT lay-in	LOW	MED	-	1/0201/003/01 HA Summary	N.D.	N	156	SF	\$2.00	\$0
1/0201/005	ACT spline or glued	NO	MED	-	PAB-P00201-11 1/0201/004/01 1/0201/004/02 HA Summary	N.D. N.D. N.D.	N	196	SF	\$2.50	\$0
1/0201/006	Vinyl Baseboard	LOW	NONE	-	1/0201/005/01 1/0201/005/02 HA Summary	N.D. N.D.	N	402	LF	\$2.50	\$0
1/0201/007	Vinyl Baseboard Mastic	LOW	NONE	-	1/0201/006/01 HA Summary	N.D.	N	402	LF	\$2.50	\$0
1/0201/008	Vinyl Baseboard	LOW	NONE	-	1/0201/007/01 HA Summary	N.D.	N	183	LF	\$2.50	\$0
1/0201/009	Vinyl Baseboard Mastic	LOW	NONE	-	1/0201/008/01 HA Summary	N.D.	N	183	LF	\$2.50	\$0
1/0201/010	Vinyl Baseboard Mastic	LOW	NONE	-	1/0201/009/01 HA Summary	N.D.	N	183	LF	\$2.50	\$0
1/0201/011	Felt Paper	NO	NONE	-	1/0201/010/01 HA Summary	N.D.	A	5729	SF	\$5.00	\$28645
1/0201/012	Ceiling Insulation (Blown-In)	NO	HIGH	-	HA Summary	N/A	N	335	SF	\$2.50	\$0
1/0201/013	Felt Paper	NO	NONE	-	1/0201/012/01 HA Summary	N.D.	N	335	SF	\$5.00	\$0
1/0201/014	Carpet Mastic	NO	NONE	-	1/0201/013/01 HA Summary	N.D.	N	865	SF	\$2.00	\$0

N.D.=None Detected  
 N.A.=Not Analyzed  
 Y=Yes  
 N=No  
 A=Assumed  
 R=Removed

Cost estimated represents total area of asbestos containing material.  
 Insulation, flooring, etc. are priced as systems unless otherwise noted.

TABLE A  
 ASBESTOS BUILDING DATA SUMMARY  
 PRESIDIO OF SAN FRANCISCO  
 BUILDING NO. 0201

Page 2 of 2

Inspector: 0618/0622  
 Inspection Date: 04/12/95

HOMOGENEOUS AREA	MATERIAL	DAMAGE	FRIABILITY	HAZARD RANK	SAMPLE NUMBER	PERCENT ASBESTOS	ASBESTOS PRESENT	QUANTITY	UNIT	UNIT COST	ABATEMENT COST
1/0201/015	Ceiling Insulation (Blown-In)	NO	HIGH	-	1/0201/014/01 HA Summary	N.D.	N	5729	SF	\$2.50	\$0
1/0201/016	Caulk	NO	NONE	-	1/0201/015/01 HA Summary	N.D.	Y	136	LF	\$3.20	\$1500
1/0201/017	Felt Paper	LOW	NONE	-	1/0201/016/01 HA Summary	3	N	162	SF	\$5.00	\$0
1/0201/018	Window Putty	NO	NONE	-	1/0201/017/01 HA Summary	N.D.	N	860	LF	\$3.10	\$0
1/0201/019	Mineral Roll Roofing	NO	NONE	-	1/0201/018/01 HA Summary	N.D.	A	453	SF	\$2.00	\$1500
1/0201/020	Gypsum Board/Wall Board	NO	LOW	-	HA Summary	N/A	N	13186	SF	\$3.50	\$0
1/0201/021	Gypsum Board Joint Compound	NO	LOW	5	1/0201/020/01 HA Summary	N.D.	Y	14313	SF	\$3.50	\$50095
1/0201/022	Asphalt Shingles	NO	NONE	-	PAB-P00201-04 PAB-P00201-05 PAB-P00201-06 HA Summary	TRACE N.D. TRACE N.D.	A	5729	SF	\$2.00	\$11458
1/0201/023	Felt Paper	LOW	NONE	-	HA Summary	N/A	N	1940	SF	\$5.00	\$0
1/0201/024	Roofing Mastic	NO	NONE	-	1/0201/023/01 HA Summary	N.D.	A	12	SF	\$3.50	\$1500
1/0201/025	Duct Mastic	NO	NONE	-	HA Summary	N/A	N	10	LF	\$20.00	\$0
GRAND TOTAL										\$108500	\$108500

N.D.=None Detected  
 N.A.=Not Analyzed  
 Y=Yes  
 N=No  
 A=Assumed  
 R=Removed

Cost estimated represents total area of asbestos containing material.  
 Insulation, flooring, etc. are priced as systems unless otherwise noted.

**FIGURES**



## REFERENCES

1. Versar, Inc. Presidio of San Francisco, Asbestos Materials and Lead-Based Paint Resurvey, Preliminary Survey Submittal, Quality Assurance Control Program. March 1995.
2. Versar, Inc. Presidio of San Francisco, Asbestos Materials and Lead-Based Paint Resurvey, Safety and Health Plan. March 1995.
3. Versar, Inc. Project Executive Summary. March 1996.
4. Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing. June 1995.



INTRODUCTION TO APPENDICES A-D



## INTRODUCTION TO APPENDICES A-D

### **Appendix A - Statement of Limitations**

Appendix A provides the Versar Statement of Limitations as it applies to asbestos-containing materials surveys, lead-based paint surveys, and soil sampling for lead. Additional limitations as well as inspection protocols are presented in Versar's *Project Executive Summary* (Versar, Inc. 1995).

### **Appendix B - ACM Exposure Hazard Assessment**

Appendix B presents individual damage and exposure factor rankings, the totals for the damage and exposure factors, and the resultant hazard ranking for each identified ACM.

### **Appendix C - ACM Laboratory Reports**

Appendix C provides laboratory reports for each ACM bulk sample collected. Included in the report is the field sample ID, laboratory sample ID, dates of sample collection and analysis, and the result of the analysis. If there are unusual findings or discrepancies, they will be listed following the analytical results.

### **Appendix D - ACM Chain of Custody Records**

Appendix D provides the chain of custody records that were used to ensure the proper handling and shipment of ACM bulk samples.



**APPENDIX A**

**Statement of Limitations**



## STATEMENT OF LIMITATIONS

The data presented and the opinions expressed in this report are qualified as follows:

- The sole purpose of the investigation and of this report is to assess the Site with respect to asbestos and/or lead-based paint materials as defined in Versar's Scope of Work and the applicable state and federal environmental laws and regulations.
- Versar derived the data in this report primarily from visual inspections, interviews with individuals with information about the Site, and a limited number of environmental samples. The passage of time, manifestation of latent conditions, or occurrence of future events may require further exploration at the Site, analysis of the data, and reevaluation of the findings, observations, conclusions, and recommendations expressed in the report.
- In preparing this report, Versar has relied upon and presumed accurate certain information (or the absence thereof) about the Site provided by the Client, and others identified herein. Except as otherwise stated in the report, Versar has not attempted to verify the accuracy or completeness of such information.
- The data reported and the findings, observations, conclusions, and recommendations expressed in the report are limited by the Scope of Services, including the extent of environmental sampling and other tests. The Scope of Services was defined by the requests of the Client, the time and budgetary constraints imposed by the Client, and the availability of access to the Site.
- Because of the limitations stated above, the findings, observations, conclusions and recommendations expressed by Versar in this report are limited to the information obtained and the surface and subsurface investigation undertaken and should not be considered an opinion concerning the compliance of any past or current owner or operator of the Site with any federal, state, or local law or regulation. No warranty or guarantee, whether express or implied, is made with respect to the data reported or findings, observations, conclusions, and recommendations expressed in this report. Further, such data, findings, observations, conclusions, and recommendations are based solely upon Site conditions in existence at the time of investigation.
- This report has been prepared on behalf of and for the exclusive use of the Client, and is subject to and issued in connection with the Agreement and the provisions thereof.



## APPENDIX B

### ACM Exposure Hazard Assessment



**APPENDIX C**

**ACM Laboratory Reports**

# RJ Lee Group, Inc.

Field Bulk Sample #: 1/0201/025/01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC504285

Laboratory Sample #: 1530405CPL

Project Site: Building #: 2901 COE-Presidio - Bldg. #01/0201

Material Code #: 554

Material Description: Duct Mastic

**DATES:**

RECEIVED: 04/17/95

COLLECTED: 04/12/95

REPORTED: 04/24/95

COLOR/APPEARANCE: Brown

ASBESTOS CONTENT		
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

NON-ASBESTOS/FIBROUS CONTENT		
CELLULOSE	0	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

TOTAL % ASBESTOS: 0 %

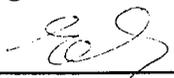
NON-ASBESTOS/NON-FIBROUS CONTENT		
BIND. MATERIAL	100	%

**COMMENTS:**

by NVLAP #1208

### Method: Polarized Light Microscopy/Dispersion Staining (PLM) 40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.

  
\_\_\_\_\_  
ELENA SROVORODNICOVA  
NVLAP Signatory

KZ  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 1/0201/005/01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC504285

Laboratory Sample #: 1530389CPL

Project Site: Building #: 2901 COE-Presidio - Bldg. #01/0201

Material Code #: 501 Material Description: ACT Splined or Glued

### DATES:

RECEIVED: 04/17/95 COLLECTED: 04/12/95 REPORTED: 04/24/95

COLOR/APPEARANCE: Tan

ASBESTOS CONTENT		
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

NON-ASBESTOS/FIBROUS CONTENT		
CELLULOSE	93	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

TOTAL % ASBESTOS: 0 %

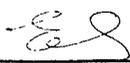
NON-ASBESTOS/NON-FIBROUS CONTENT		
BIND. MATERIAL	7	%

### COMMENTS:

by NVLAP #1208

### Method: Polarized Light Microscopy/Dispersion Staining (PLM) 40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
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ELENA SROVORODNICOVA  
NVLAP Signatory

KZ  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 1/0201/005/02

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC504285

Laboratory Sample #: 1530390CPL

Project Site: Building #: 2901 COE-Presidio - Bldg. #01/0201

Material Code #: 501

Material Description: ACT Splined or Glued

**DATES:**

RECEIVED: 04/17/95

COLLECTED: 04/12/95

REPORTED: 04/24/95

COLOR/APPEARANCE: Tan

### ASBESTOS CONTENT

Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

### NON-ASBESTOS/FIBROUS CONTENT

CELLULOSE	90	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

TOTAL % ASBESTOS: 0 %

### NON-ASBESTOS/NON-FIBROUS CONTENT

BIND. MATERIAL 10 %

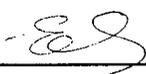
**COMMENTS:**

by NVLAP #1208

### Method: Polarized Light Microscopy/Dispersion Staining (PLM)

#### 40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
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ELENA SROVORODNICOVA

NVLAP Signatory

KZ

Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 1/0201/003/01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC504285

Laboratory Sample #: 1530386CPL

Project Site: Building #: 2901 COE-Presidio - Bldg. #01/0201

Material Code #: 559

Material Description: Fiber Board

**DATES:**

RECEIVED: 04/17/95

COLLECTED: 04/12/95

REPORTED: 04/24/95

COLOR/APPEARANCE: Brown

ASBESTOS CONTENT		
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

NON-ASBESTOS/FIBROUS CONTENT		
CELLULOSE	100	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

TOTAL % ASBESTOS: 0 %

NON-ASBESTOS/NON-FIBROUS CONTENT		
BIND. MATERIAL	0	%

COMMENTS: \_\_\_\_\_  
by NVLAP #1208

### Method: Polarized Light Microscopy/Dispersion Staining (PLM) 40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
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\_\_\_\_\_  
ELENA SROVORODNICOVA  
NVLAP Signatory

KZ  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 1/0201/004/01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC504285

Laboratory Sample #: 1530387CPL

Project Site: Building #: 2901 COE-Presidio - Bldg. #01/0201

Material Code #: 502

Material Description: ACT Lay-In

### DATES:

RECEIVED: 04/17/95

COLLECTED: 04/12/95

REPORTED: 04/24/95

COLOR/APPEARANCE: Beige

### ASBESTOS CONTENT

Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

### NON-ASBESTOS/FIBROUS CONTENT

CELLULOSE	60	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	35	%
OTHER	0	%

TOTAL % ASBESTOS: 0 %

### NON-ASBESTOS/NON-FIBROUS CONTENT

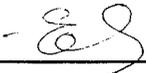
BIND. MATERIAL 5 %

### COMMENTS:

by NVLAP #1208

### Method: Polarized Light Microscopy/Dispersion Staining (PLM) 40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
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ELENA SROVORODNICOVA  
NVLAP Signatory

KZ  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 1/0201/004/02

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC504285

Laboratory Sample #: 1530388CPL

Project Site: Building #: 2901 COE-Presidio - Bldg. #01/0201

Material Code #: 502  
Material Description: ACT Lay-In

### DATES:

RECEIVED: 04/17/95

COLLECTED: 04/12/95

REPORTED: 04/24/95

COLOR/APPEARANCE: Beige

### ASBESTOS CONTENT

Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

### NON-ASBESTOS/FIBROUS CONTENT

CELLULOSE	60	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	35	%
OTHER	0	%

TOTAL % ASBESTOS: 0 %

### NON-ASBESTOS/NON-FIBROUS CONTENT

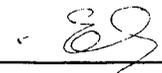
BIND. MATERIAL 5 %

### COMMENTS:

by NVLAP #1208

### Method: Polarized Light Microscopy/Dispersion Staining (PLM) 40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
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ELENA SROVORODNICOVA  
NVLAP Signatory

KZ  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 1/0201/006/01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC504285

Laboratory Sample #: 1530391CPL

Project Site: Building #: 2901 COE-Presidio - Bldg. #01/0201

Material Code #: 541  
Material Description: Vinyl Baseboard

**DATES:**

RECEIVED: 04/17/95

COLLECTED: 04/12/95

REPORTED: 04/24/95

COLOR/APPEARANCE: Black

ASBESTOS CONTENT		
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

NON-ASBESTOS/FIBROUS CONTENT		
CELLULOSE	0	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

TOTAL % ASBESTOS: 0 %

NON-ASBESTOS/NON-FIBROUS CONTENT		
BIND. MATERIAL	100	%

**COMMENTS:**

by NVLAP #1208

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)  
40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
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\_\_\_\_\_  
ELENA SROVORODNICOVA  
NVLAP Signatory

KZ  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 1/0201/007/01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC504285

Laboratory Sample #: 1530392CPL

Project Site: Building #: 2901 COE-Presidio - Bldg. #01/0201

Material Code #: 570  
Material Description: Vinyl Baseboard Mastic

### DATES:

RECEIVED: 04/17/95

COLLECTED: 04/12/95

REPORTED: 04/24/95

COLOR/APPEARANCE: Brown

ASBESTOS CONTENT		
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

NON-ASBESTOS/FIBROUS CONTENT		
CELLULOSE	<1 Tr	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

TOTAL % ASBESTOS: 0 %

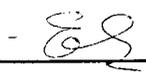
NON-ASBESTOS/NON-FIBROUS CONTENT		
BIND. MATERIAL	99+	%

### COMMENTS:

by NVLAP #1208

Method: Polarized Light Microscopy/Dispersion Staining (PLM)  
40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
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ELENA SROVORODNICOVA  
NVLAP Signatory

KZ  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 1/0201/008/01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC504285

Laboratory Sample #: 1530393CPL

Project Site: Building #: 2901 COE-Presidio - Bldg. #01/0201

Material Code #: 541

Material Description: Vinyl Baseboard

### DATES:

RECEIVED: 04/17/95

COLLECTED: 04/12/95

REPORTED: 04/24/95

COLOR/APPEARANCE: Brown

ASBESTOS CONTENT		
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

NON-ASBESTOS/FIBROUS CONTENT		
CELLULOSE	0	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

TOTAL % ASBESTOS: 0 %

NON-ASBESTOS/NON-FIBROUS CONTENT		
BIND. MATERIAL	100	%

### COMMENTS:

by NVLAP #1208

Method: Polarized Light Microscopy/Dispersion Staining (PLM)  
40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
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ELENA SROVORODNICOVA  
NVLAP Signatory

KZ  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 1/0201/009/01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC504285

Laboratory Sample #: 1530394CPL

Project Site: Building #: 2901 COE-Presidio - Bldg. #01/0201

Material Code #: 570

Material Description: Vinyl Baseboard Mastic

### DATES:

RECEIVED: 04/17/95

COLLECTED: 04/12/95

REPORTED: 04/24/95

COLOR/APPEARANCE: White

ASBESTOS CONTENT		
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

<u>NON-ASBESTOS/FIBROUS CONTENT</u>		
CELLULOSE	0	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

TOTAL % ASBESTOS: 0 %

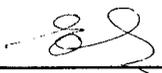
<u>NON-ASBESTOS/NON-FIBROUS CONTENT</u>		
BIND. MATERIAL	100	%

### COMMENTS:

by NVLAP #1208

### Method: Polarized Light Microscopy/Dispersion Staining (PLM) 40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
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\_\_\_\_\_  
ELENA SROVORODNICOVA  
NVLAP Signatory

KZ  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 1/0201/010/01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC504285

Laboratory Sample #: 1530395CPL

Project Site: Building #: 2901 COE-Presidio - Bldg. #01/0201

Material Code #: 570

Material Description: Vinyl Baseboard Mastic

### DATES:

RECEIVED: 04/17/95

COLLECTED: 04/12/95

REPORTED: 04/24/95

COLOR/APPEARANCE: Brown

### ASBESTOS CONTENT

Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

### NON-ASBESTOS/FIBROUS CONTENT

CELLULOSE	0	%
FIBROUS GLASS	<1 Tr	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

TOTAL % ASBESTOS: 0 %

### NON-ASBESTOS/NON-FIBROUS CONTENT

BIND. MATERIAL 99+ %

### COMMENTS:

by NVLAP #1208

### Method: Polarized Light Microscopy/Dispersion Staining (PLM) 40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.

  
\_\_\_\_\_  
ELENA SROVORODNICOVA  
NVLAP Signatory

KZ  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 1/0201/012/01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC504285

Laboratory Sample #: 1530396CPL

Project Site: Building #: 2901 COE-Presidio - Bldg. #01/0201

Material Code #: 566

Material Description: Ceiling Insulation (Blown-In)

### DATES:

RECEIVED: 04/17/95

COLLECTED: 04/12/95

REPORTED: 04/24/95

COLOR/APPEARANCE: Brown

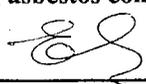
ASBESTOS CONTENT			<u>NON-ASBESTOS/FIBROUS CONTENT</u>		
Chrysotile	0	%	CELLULOSE	100	%
Amosite	0	%	FIBROUS GLASS	0	%
Crocidolite	0	%	SYNTH. POLYMER	0	%
Tremolite	0	%	MINERAL WOOL	0	%
Actinolite	0	%	OTHER	0	%
Anthophyllite	0	%			
<b>TOTAL % ASBESTOS: 0 %</b>			<u>NON-ASBESTOS/NON-FIBROUS CONTENT</u>		
			BIND. MATERIAL 0 %		

### COMMENTS:

by NVLAP #1208

### Method: Polarized Light Microscopy/Dispersion Staining (PLM) 40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
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\_\_\_\_\_  
ELENA SROVORODNICOVA  
NVLAP Signatory

KZ  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 1/0201/013/01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC504285

Laboratory Sample #: 1530398CPL

Project Site: Building #: 2901 COE-Presidio - Bldg. #01/0201

Material Code #: 542

Material Description: Felt Paper

### DATES:

RECEIVED: 04/17/95

COLLECTED: 04/12/95

REPORTED: 04/24/95

COLOR/APPEARANCE: Brown

ASBESTOS CONTENT		
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

<u>NON-ASBESTOS/FIBROUS CONTENT</u>		
CELLULOSE	80	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

TOTAL % ASBESTOS: 0 %

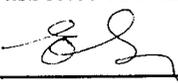
<u>NON-ASBESTOS/NON-FIBROUS CONTENT</u>		
BIND. MATERIAL	20	%

### COMMENTS:

by NVLAP #1208

### Method: Polarized Light Microscopy/Dispersion Staining (PLM) 40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
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\_\_\_\_\_  
ELENA SROVORODNICOVA  
NVLAP Signatory

KZ  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 1/0201/014/01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC504285

Laboratory Sample #: 1530397CPL

Project Site: Building #: 2901 COE-Presidio - Bldg. #01/0201

Material Code #: 571 Material Description: Carpet Mastic

### DATES:

RECEIVED: 04/17/95 COLLECTED: 04/12/95 REPORTED: 04/24/95

COLOR/APPEARANCE: Grey

ASBESTOS CONTENT		
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

NON-ASBESTOS/FIBROUS CONTENT		
CELLULOSE	0	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

TOTAL % ASBESTOS: 0 %

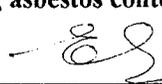
NON-ASBESTOS/NON-FIBROUS CONTENT		
BIND. MATERIAL	100	%

### COMMENTS:

by NVLAP #1208

### Method: Polarized Light Microscopy/Dispersion Staining (PLM) 40 CFR Part 763 App. A to Subpart F

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\_\_\_\_\_  
ELENA SROVORODNICOVA  
NVLAP Signatory

KZ  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 1/0201/015/01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC504285

Laboratory Sample #: 1530399CPL

Project Site: Building #: 2901 COE-Presidio - Bldg. #01/0201

Material Code #: 566  
Material Description: Ceiling Insulation (Blown-In)

### DATES:

RECEIVED: 04/17/95 COLLECTED: 04/12/95 REPORTED: 04/24/95

COLOR/APPEARANCE: Pink and white

#### ASBESTOS CONTENT

Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

#### NON-ASBESTOS/FIBROUS CONTENT

CELLULOSE	0	%
FIBROUS GLASS	100	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

TOTAL % ASBESTOS: 0 %

#### NON-ASBESTOS/NON-FIBROUS CONTENT

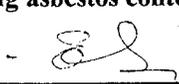
BIND. MATERIAL 0 %

### COMMENTS:

by NVLAP #1208

### Method: Polarized Light Microscopy/Dispersion Staining (PLM) 40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
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\_\_\_\_\_  
ELENA SROVORODNICOVA  
NVLAP Signatory

KZ  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 1/0201/016/01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC504285

Laboratory Sample #: 1530400CPL

Project Site: Building #: 2901 COE-Presidio - Bldg. #01/0201

Material Code #: 574

Material Description: Caulk

### DATES:

RECEIVED: 04/17/95

COLLECTED: 04/12/95

REPORTED: 04/24/95

COLOR/APPEARANCE: Grey

### ASBESTOS CONTENT

Chrysotile	3	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

### NON-ASBESTOS/FIBROUS CONTENT

CELLULOSE	0	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

TOTAL % ASBESTOS: 3 %

### NON-ASBESTOS/NON-FIBROUS CONTENT

BIND. MATERIAL 97 %

### COMMENTS:

by NVLAP #1208

### Method: Polarized Light Microscopy/Dispersion Staining (PLM) 40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.

  
ELENA SROVORODNICOVA  
NVLAP Signatory

KZ  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 1/0201/017/01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC504285

Laboratory Sample #: 1530401CPL

Project Site: Building #: 2901 COE-Presidio - Bldg. #01/0201

Material Code #: 542

Material Description: Felt Paper

### DATES:

RECEIVED: 04/17/95

COLLECTED: 04/12/95

REPORTED: 04/24/95

COLOR/APPEARANCE: Brown

ASBESTOS CONTENT		
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

<u>NON-ASBESTOS/FIBROUS CONTENT</u>		
CELLULOSE	65	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	<1 Tr	%
MINERAL WOOL	0	%
OTHER	0	%

TOTAL % ASBESTOS: 0 %

<u>NON-ASBESTOS/NON-FIBROUS CONTENT</u>		
BIND. MATERIAL	35	%

### COMMENTS:

by NVLAP #1208

### Method: Polarized Light Microscopy/Dispersion Staining (PLM) 40 CFR Part 763 App. A to Subpart F

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ELENA SROVORODNICOVA  
NVLAP Signatory

KZ  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 1/0201/018/01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC504285

Laboratory Sample #: 1530402CPL

Project Site: Building #: 2901 COE-Presidio - Bldg. #01/0201

Material Code #: 569

Material Description: Window Putty

### DATES:

RECEIVED: 04/17/95

COLLECTED: 04/12/95

REPORTED: 04/24/95

COLOR/APPEARANCE: Off-white

### ASBESTOS CONTENT

Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

### NON-ASBESTOS/FIBROUS CONTENT

CELLULOSE	0	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

TOTAL % ASBESTOS: 0 %

### NON-ASBESTOS/NON-FIBROUS CONTENT

BIND. MATERIAL 100 %

### COMMENTS:

by NVLAP #1208

### Method: Polarized Light Microscopy/Dispersion Staining (PLM) 40 CFR Part 763 App. A to Subpart F

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\_\_\_\_\_  
ELENA SROVORODNICOVA  
NVLAP Signatory

KZ  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 1/0201/020/01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC504285

Laboratory Sample #: 1530403CPL

Project Site: Building #: 2901 COE-Presidio - Bldg. #01/0201

Material Code #: 539

Material Description: Gypsum Board/Wall Board

### DATES:

RECEIVED: 04/17/95

COLLECTED: 04/12/95

REPORTED: 04/24/95

COLOR/APPEARANCE: White

ASBESTOS CONTENT		
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

<u>NON-ASBESTOS/FIBROUS CONTENT</u>		
CELLULOSE	<1 Tr	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

TOTAL % ASBESTOS: 0 %

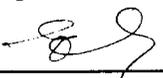
<u>NON-ASBESTOS/NON-FIBROUS CONTENT</u>		
BIND. MATERIAL	99+	%

### COMMENTS:

by NVLAP #1208

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)  
40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
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\_\_\_\_\_  
ELENA SROVORODNICOVA  
NVLAP Signatory

KZ  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 1/0201/023/01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC504285

Laboratory Sample #: 1530404CPL

Project Site: Building #: 2901 COE-Presidio - Bldg. #01/0201

Material Code #: 542

Material Description: Felt Paper

### DATES:

RECEIVED: 04/17/95

COLLECTED: 04/12/95

REPORTED: 04/24/95

COLOR/APPEARANCE: Brown

### ASBESTOS CONTENT

Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

### NON-ASBESTOS/FIBROUS CONTENT

CELLULOSE	65	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

TOTAL % ASBESTOS: 0 %

### NON-ASBESTOS/NON-FIBROUS CONTENT

BIND. MATERIAL 35 %

### COMMENTS:

by NVLAP #1208

### Method: Polarized Light Microscopy/Dispersion Staining (PLM) 40 CFR Part 763 App. A to Subpart F

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ELENA SROVORODNICOVA  
NVLAP Signatory

KZ  
Asbestos Analyst



**APPENDIX D**

**ACM Chain of Custody Records**

ACC504285

# Bulk Sample Chain of Custody Record

## VERSAR, Inc.

Page 1 of 3  
This Building Only

ASBESTOS AND LEAD BASED PAINT RE-SURVEY AT  
PRESIDIO OF SAN FRANCISCO, CA

Client: COE PRESIDIO

Sample Date: 4-12-95

Project#: 2901

Analysis Requested: (PLM) SEM, or Other: \_\_\_\_\_

Lab File#: \_\_\_\_\_

Turnaround Time: Normal, Other: \_\_\_\_\_

Site/Building #: 01/0201

Results To: \_\_\_\_\_ Phone#: \_\_\_\_\_

<u>01/0201/003/1</u> Project: 2901 <u>0</u> #	<u>01/0201/004/2</u> Project: 2901 <u>0</u> #	<u>01/0201/006/1</u> Project: 2901 <u>0</u> #								
Lab Use Only	Lab Use Only	Lab Use Only								
<u>559</u> Material Code	<u>502</u> Material Code	<u>541</u> Material Code								
<table border="1"> <tr> <td>Site#</td> <td><del>Bldg#</del></td> <td><del>HA#</del></td> <td>S#</td> </tr> </table>	Site#	<del>Bldg#</del>	<del>HA#</del>	S#	<u>01/0201/005/1</u> Project: 2901 <u>0</u> #	<table border="1"> <tr> <td>Site#</td> <td><del>Bldg#</del></td> <td><del>HA#</del></td> <td>S#</td> </tr> </table>	Site#	<del>Bldg#</del>	<del>HA#</del>	S#
Site#	<del>Bldg#</del>	<del>HA#</del>	S#							
Site#	<del>Bldg#</del>	<del>HA#</del>	S#							
Lab Use Only	Lab Use Only	Lab Use Only								
<del>Material Code</del>	<u>501</u> Material Code	<del>Material Code</del>								
<u>01/0201/004/1</u> Project: 2901 <u>0</u> #	<u>01/0201/005/2</u> Project: 2901 <u>0</u> #	<u>01/0201/007/1</u> Project: 2901 <u>0</u> #								
Lab Use Only	Lab Use Only	Lab Use Only								
<u>502</u> Material Code	<u>501</u> Material Code	<u>570</u> Material Code								
Total Samples This Page Only <u>7</u>	Total Samples On All Pages, this Building <u>20</u>	Total All HA's, including Assumed, for ALL Pages <u>25</u>								

Company	Print Name	Signature	Date	24 hr Time
Relinquished By: <u>SCA</u>	<u>MATTHEW MACIARO</u>	<u>[Signature]</u>	<u>4/12/95</u>	<u>1100</u>
Received By: <u>RJLG</u>	<u>JEAN LILJE</u>	<u>[Signature]</u>	<u>4/17/95</u>	<u>9:30</u>
Relinquished By: _____	_____	_____	_____	_____
Received By: _____	_____	_____	_____	_____
Relinquished By: _____	_____	_____	_____	_____
Received By: _____	_____	_____	_____	_____

RECEIVED APR 25 1995

# Bulk Sample Chain of Custody Record

## VERSAR, Inc.

Page 2 of 3  
This Building Only

ASBESTOS AND LEAD BASED PAINT RE-SURVEY AT  
PRESIDIO OF SAN FRANCISCO, CA

Client: COE PRESIDIO  
Project#: 2901  
Lab File#: \_\_\_\_\_  
Site/Building #: 01/0201

Sample Date: 4-12-95  
Analysis Requested: (PLM) SEM, or Other: \_\_\_\_\_  
Turnaround Time: Normal, Other: \_\_\_\_\_  
Results To: \_\_\_\_\_ Phone#: \_\_\_\_\_

<p>01/0201/008/1 Project: 2901 0</p> <p>Lab Use Only</p> <p>541 Material Code</p>	<p>01/0201/012/1 Project: 2901 0</p> <p>Lab Use Only</p> <p>565 Material Code</p>	<p>01/0201/015/1 Project: 2901 0</p> <p>Lab Use Only</p> <p>566 Material Code</p>								
<p>01/0201/009/1 Project: 2901 6</p> <p>Lab Use Only</p> <p>570 Material Code</p>	<p>01/0201/014/1 Project: 2901 0</p> <p>Lab Use Only</p> <p>542 Material Code</p>	<table border="1"> <tr> <td>01</td> <td>0201</td> <td>0/6</td> <td>0/</td> </tr> <tr> <td>Site#</td> <td>Blc#</td> <td>HA#</td> <td>S#</td> </tr> </table> <p>574 Lab Use Only</p> <p>Material Code</p>	01	0201	0/6	0/	Site#	Blc#	HA#	S#
01	0201	0/6	0/							
Site#	Blc#	HA#	S#							
<p>01/0201/010/1 Project: 2901 0</p> <p>Lab Use Only</p> <p>570 Material Code</p>	<p>01/0201/013/1 Project: 2901 0</p> <p>mat'l codes transposed as well</p> <p>Lab Use Only</p> <p>571 Material Code</p>	<table border="1"> <tr> <td>01</td> <td>0201</td> <td>017</td> <td>01</td> </tr> <tr> <td>Site#</td> <td>Blc#</td> <td>HA#</td> <td>S#</td> </tr> </table> <p>Lab Use Only</p> <p>542 Material Code</p>	01	0201	017	01	Site#	Blc#	HA#	S#
01	0201	017	01							
Site#	Blc#	HA#	S#							
<p>Total Samples This Page Only <u>9</u></p>	<p>Total Samples On All Pages, this Building <u>20</u></p>	<p>Total All HA's, including Assumed, for ALL Pages <u>25</u></p>								

Company	Print Name	Signature	Date	24 hr Time
Relinquished By: <u>SCA</u>	<u>MATTHEW MACHADO</u>	<i>[Signature]</i>	<u>4/12/95</u>	<u>11:00</u>
Received By: <u>RSLG</u>	<u>Sean Bulje</u>	<i>[Signature]</i>	<u>4-17-95</u>	<u>9:30</u>
Relinquished By: _____	_____	_____	_____	_____
Received By: _____	_____	_____	_____	_____
Relinquished By: _____	_____	_____	_____	_____
Received By: _____	_____	_____	_____	_____

# Bulk Sample Chain of Custody Record

## VERSAR, Inc.

Page 3 of 3  
This Building Only

ASBESTOS AND LEAD BASED PAINT RE-SURVEY AT  
PRESIDIO OF SAN FRANCISCO, CA

Client: COE PRESIDIO

Sample Date: 4-12-95

Project#: 2901

Analysis Requested: (PLM) SEM, or Other: \_\_\_\_\_

Lab File#: \_\_\_\_\_

Turnaround Time: Normal, Other: \_\_\_\_\_

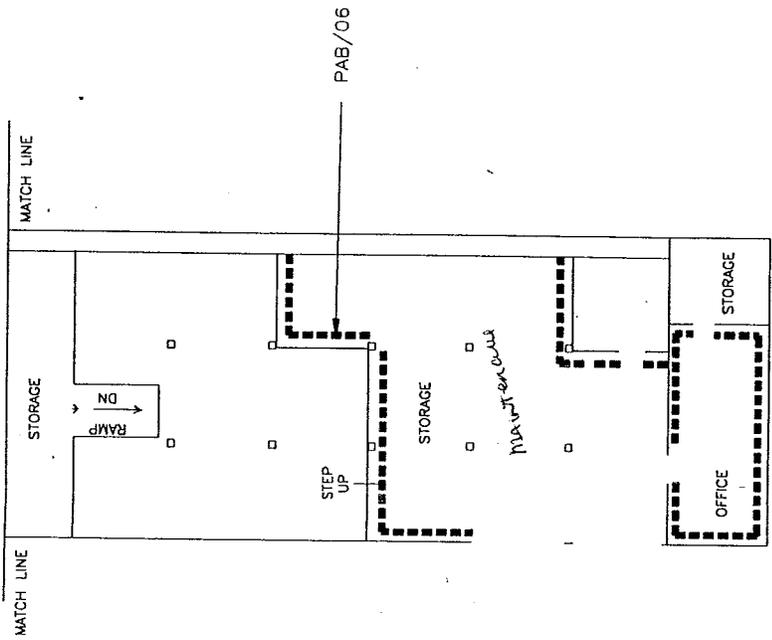
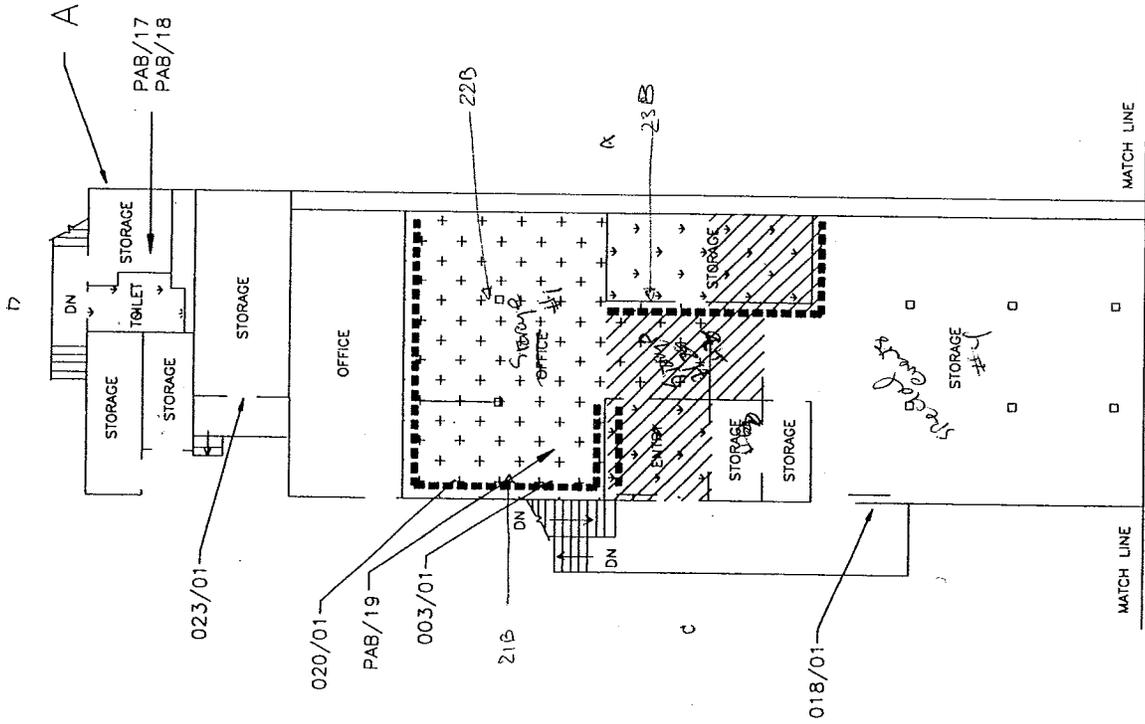
Site/Building #: 01/0201

Results To: \_\_\_\_\_ Phone#: \_\_\_\_\_

<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">01 Site#</td> <td style="width:25%;">0201 Bldg#</td> <td style="width:25%;">018 HA#</td> <td style="width:25%;">01 S#</td> </tr> <tr> <td colspan="4" style="text-align:center;">Lab Use Only</td> </tr> <tr> <td colspan="4" style="text-align:center;">569 Material Code</td> </tr> </table>	01 Site#	0201 Bldg#	018 HA#	01 S#	Lab Use Only				569 Material Code				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">01 Site#</td> <td style="width:25%;">0201 Bldg#</td> <td style="width:25%;">025 HA#</td> <td style="width:25%;">01 S#</td> </tr> <tr> <td colspan="4" style="text-align:center;">Lab Use Only</td> </tr> <tr> <td colspan="4" style="text-align:center;">554 Material Code</td> </tr> </table>	01 Site#	0201 Bldg#	025 HA#	01 S#	Lab Use Only				554 Material Code				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;"> </td> <td style="width:25%;"> </td> <td style="width:25%;"> </td> <td style="width:25%;"> </td> </tr> <tr> <td colspan="4" style="text-align:center;">Lab Use Only</td> </tr> <tr> <td colspan="4" style="text-align:center;"> </td> </tr> </table>					Lab Use Only							
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Total Samples This Page Only <span style="border:1px solid black; padding: 2px 10px;">4</span>	Total Samples On All Pages, this Building <span style="border:1px solid black; padding: 2px 10px;">20</span>	Total All HA's, including Assumed, for ALL Pages <span style="border:1px solid black; padding: 2px 10px;">25</span>																																				

	Company	Print Name	Signature	Date	24 hr Time
Relinquished By:	SCA	MATTHEW MACLEOD	<i>Matthew Macleod</i>	4/12/95	11:00
Received By:	RILG	Jean Hilja	<i>Jean Hilja</i>	4-17-95	9:30
Relinquished By:					
Received By:					
Relinquished By:					
Received By:					

## APPENDIX E: Diagram



BASEMENT  
SCALE: 1/16" = 1'-0"

